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## ABSTRACT

This report presents 23 tables of data on residence and migration of first-time freshmen based on the 1994 "Fall Enrollment" survey, part of the Integrated Postsecondary Education Data System. The survey counted 2.14 million first-time freshmen. More than 366,000 (17 percent) migrated between states. The percent of freshmen who left their state to attend college ranged from a low of 6.7 percent in Utah to a high of 50.2 percent in Alaska. In-migrants comprised almost 76 percent of the District of Columbia's total freshmen enrollment and over half the freshmen in New Hampshire, Rhode Island, and Vermont. First time freshmen who had graduated in the previous 12 months comprised 69 percent of the total. Twenty-two percent of freshmen were enrolled in private higher education institutions. Over half of the freshmen who migrated between states did so to enroll in private institutions. The percent of freshmen enrolled in private institutions ranged from more than 40 percent in the District of Columbia, Massachusetts, New Hampshire, Pennsylvania, Rhode Island, and Vermont to less than 10 percent in Alaska, Arizona, California, Mississippi, Nevada, New Mexico, Washington, and Wyoming. Also, 84 percent of those migrating out of state did so to attend a 4-year school. The tables report the data by state or territory. Information on the survey methodology is appended. (DB)

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## Residence and Migration of First-Time Freshmen Enrolled in Higher Education Institutions: Fall 1994

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**Residence and Migration  
of First-Time Freshmen  
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Education Institutions:  
Fall 1994**

Samuel Barbett  
Postsecondary Education Statistics Division  
National Center for Education Statistics

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**U.S. Department of Education  
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**NCES 96-846**

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## Highlights

This report presents detailed tabulations of data on the residence and migration of first-time freshmen enrolled in higher education institutions in the fall of 1994. The data are from the residency portion of the "Fall Enrollment" survey, part of the Integrated Postsecondary Education Data System (IPEDS) of the National Center for Education Statistics (NCES)<sup>1</sup>. IPEDS provides comprehensive and consistent data for all postsecondary institutions in the United States and outlying areas, including higher education institutions.

The 1994 IPEDS Fall Enrollment survey collected information on the number of students enrolled in postsecondary institutions by student level, enrollment status (full- or part-time), race/ethnicity and gender. It also collected enrollment by state of residence for all first-time freshmen including those first-time freshmen who had graduated from high school in the 12 months preceding the fall of 1994. Residence data were collected only from 4- and 2-year higher education institutions, that is, institutions that are accredited at the college level by an agency recognized by the Secretary of Education. The tables in this report are presented by state, by control (public and private) and level of institution, for all first-time freshmen and separately for first-time freshmen who graduated from high school in the 12 months prior to the fall of 1994.

The IPEDS residence report for the fall of 1994 accounted for 2.14 million first-time freshmen.<sup>2</sup> Over 366,000 of these freshmen (17 percent of all enrolled first-time freshmen) migrated between states, that is, they enrolled in a higher education institution that was in a state different from the student's state of residence (table 1).

The percent of first-time freshmen who left their state to attend college varied considerably by state, ranging from a low of 6.7 percent in Utah to a high of 50.2 percent in Alaska (table 3). Additional states that had less than 10 percent of their freshmen leaving the state included Alabama (7.1 percent), Arizona (9.0 percent), California (7.3 percent), Michigan (9.0 percent), Mississippi (8.8 percent), North Carolina (8.0 percent), Oklahoma (9.6 percent), Texas (7.9 percent) and Washington (7.9 percent). In addition to Alaska, states that had over 30 percent of their first-time freshmen leave the state to attend college included Connecticut (42.7 percent), District of Columbia (39.7), Maine (36.5 percent), New Hampshire (40.0 percent), New Jersey (38.0 percent), Rhode Island (30.6 percent), and Vermont (43.6).

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<sup>1</sup> Additional data from the fall enrollment part of the survey are also published and are available to interested readers; see U. S. Department of Education, National Center for Education Statistics, *Trends in Enrollment in Higher Education by Racial/Ethnic Category: Fall 1986 Through Fall 1994, 1995*.

<sup>2</sup> This is about 23,000 less than the number of first-time freshmen reported from Part A of the Fall Enrollment survey. See methodology section, appendix table B3, for a full explanation of the difference. Includes all first-time degree-credit enrollees regardless of program.

Several states had such sufficiently large numbers of freshmen students migrating into their state to attend college that it significantly affected the state's total enrollment of first-time freshmen. For example, in-migrants comprised almost 76 percent of the District of Columbia's total enrollment of first-time freshmen; in New Hampshire, Rhode Island and Vermont over half their classes of first-time freshmen were from out of state; and in Connecticut, Delaware, Massachusetts, Nevada, North Dakota, and South Dakota over 30 percent of the state's enrollment of first-time freshmen were from a different state (table 3).

First-time freshmen who had graduated in the 12 months prior to the fall of 1994 comprised only about 69 percent of the total class of first-time freshmen. This varied by state, ranging from a low of 41.7 percent in Washington to a high of 87.3 percent in the District of Columbia. (derived from tables 1 and 2). The migration of recent high school graduates out of their states of residence to attend college resembled the migration of all first-time freshmen. However, a slightly higher percentage of recent high school graduates than all first-time freshmen (20 vs 17 percent, tables 1 and 2) left their home state to attend college. The percent of enrollment of recent high school graduates due to in-migration was generally higher in states that had a high percentage of freshmen in-migrants. Similarly, in states that had a high percentage of out-migrating freshmen, the percent of recent graduates who left the state to enroll in school was higher than that of first-time freshmen as a whole (table 3).

Twenty-two percent of all first-time freshmen and 26 percent of recent high school graduate first-time freshmen were enrolled in private higher education institutions in the nation (table 8). Over 53 percent of all first-time freshmen and almost 58 percent of recent graduate first-time freshmen who migrated between states did so to enroll in a private institution (table 9).

The percent of all first-time freshmen enrolled in private higher education institutions ranged from over 40 percent in the District of Columbia, Massachusetts, New Hampshire, Pennsylvania, Rhode Island, and Vermont to less than 10 percent in Alaska, Arizona, California, Mississippi, Nevada, New Mexico, Washington and Wyoming. In all but 15 states, the majority of individuals who left the state to attend college for the first time did so to attend a private institution. States with a large number of private higher education institutions were the primary beneficiaries of this migration. In Massachusetts, for example, where 72.5 percent of the higher education institutions are private, and private institutions make up 59 percent of total FTE enrollment in the state<sup>3</sup>, 87 percent of the first-time freshmen who migrated into Massachusetts attended a private institution (table 8).

First-time students also went out of state to attend a 4-year rather than a 2-year institution. Overall, in the fall of 1994, 53 percent of first-time freshmen were enrolled in a 4-year institution. However, only 46.6 percent remained in state to attend a 4-year school, whereas 84.1 percent of those migrating out of state did so to attend a 4-year school (table 12). Among

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<sup>3</sup>State Higher Education Profiles: Sixth Edition, U.S. Department of Education, National Center for Education Statistics, 1993.

first-time freshmen who were recent high school graduates, two-thirds were enrolled in a 4-year higher education institution. Sixty-one percent remained in their home state to attend a 4-year college, but 92 percent of those who left their home state, left to attend a 4-year school (table 13).

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**Table 1.—Residence and migration of all first-time freshmen enrolled in all institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	2,140,803	2,140,803	1,774,468	366,335	366,335
Alabama	41,542	36,857	34,230	2,627	7,312
Alaska	1,761	2,988	1,487	1,501	274
Arizona	32,753	28,930	26,320	2,610	6,433
Arkansas	16,178	15,728	13,454	2,274	2,724
California	255,308	254,425	235,856	18,569	19,452
Colorado	32,113	29,362	24,109	5,253	8,004
Connecticut	21,524	25,661	14,699	10,962	6,825
Delaware	6,921	5,745	4,074	1,671	2,847
District of Columbia	9,706	3,877	2,339	1,538	7,367
Florida	70,212	67,821	57,316	10,505	12,896
Georgia	58,991	56,834	49,857	6,977	9,134
Hawaii	10,279	10,314	8,320	1,994	1,959
Idaho	10,646	9,770	7,738	2,032	2,908
Illinois	110,396	120,047	102,114	17,933	8,282
Indiana	48,059	42,528	37,023	5,505	11,036
Iowa	35,229	31,423	27,737	3,686	7,492
Kansas	24,641	22,762	20,340	2,422	4,301
Kentucky	28,604	27,210	24,091	3,119	4,513
Louisiana	30,897	29,129	25,413	3,716	5,484
Maine	8,102	9,283	5,893	3,390	2,209
Maryland	32,734	35,472	24,962	10,510	7,772
Massachusetts	65,768	55,720	42,892	12,828	22,876
Michigan	83,446	84,406	76,823	7,583	6,623
Minnesota	37,991	38,095	29,384	8,711	8,607
Mississippi	25,862	24,512	22,349	2,163	3,513
Missouri	38,302	35,660	29,961	5,699	8,341
Montana	6,819	7,219	5,225	1,994	1,594
Nebraska	16,616	16,498	13,883	2,615	2,733
Nevada	6,939	6,404	4,746	1,658	2,193
New Hampshire	11,373	9,275	5,569	3,706	5,804
New Jersey	43,063	63,528	39,376	24,152	3,687
New Mexico	13,864	15,170	12,059	3,111	1,805
New York	155,799	156,987	130,998	25,989	24,801
North Carolina	51,346	42,658	39,256	3,402	12,090
North Dakota	8,122	7,048	5,544	1,504	2,578
Ohio	88,460	86,809	75,746	11,063	12,714
Oklahoma	29,345	28,797	26,032	2,765	3,313
Oregon	23,321	21,992	18,209	3,783	5,112
Pennsylvania	97,982	91,568	76,826	14,742	21,156
Rhode Island	12,645	7,958	5,524	2,434	7,121
South Carolina	28,532	26,626	23,547	3,079	4,985
South Dakota	6,600	6,038	4,543	1,495	2,057
Tennessee	33,870	31,499	26,715	4,784	7,155
Texas	127,166	124,773	114,927	9,846	12,239
Utah	24,383	19,397	18,096	1,301	6,287
Vermont	6,132	4,616	2,603	2,013	3,529
Virginia	45,272	41,233	33,012	8,221	12,260
Washington	68,604	65,505	60,346	5,159	8,258
West Virginia	15,799	13,818	11,725	2,093	4,074
Wisconsin	46,479	45,339	39,109	6,230	7,370
Wyoming	4,814	4,646	3,597	1,049	1,217
State unknown	*	24,904	*	24,904	*
American Samoa	0	53	0	53	0
Federated States of Micronesia	410	1,322	409	913	1
Guam	956	191	14	177	942
Marshall Islands	22	34	18	16	4
Northern Marianas	440	450	440	10	0
Palau	13	19	13	6	0
Puerto Rico	27,276	28,121	27,221	900	55
Virgin Islands	376	774	359	415	17
Foreign countries	*	34,975	*	34,975	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state  
Student residents of state = Students remaining in state + Migration of students out of state

\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

**Table 2. — Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in all institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	1,467,796	1,467,796	1,171,444	296,352	296,352
Alabama	28,927	24,757	22,554	2,203	6,373
Alaska	1,198	2,227	997	1,230	201
Arizona	17,850	15,160	13,002	2,158	4,848
Arkansas	12,734	12,535	10,689	1,846	2,045
California	167,374	168,803	153,097	15,706	14,277
Colorado	18,410	17,435	12,773	4,662	5,637
Connecticut	15,055	19,120	9,011	10,109	6,644
Delaware	5,504	4,343	2,818	1,525	2,686
District of Columbia	8,476	3,039	1,758	1,281	6,718
Florida	48,583	48,192	39,134	9,058	9,449
Georgia	38,246	36,797	30,746	6,051	7,500
Hawaii	5,944	6,943	5,188	1,755	756
Idaho	7,316	6,545	4,860	1,685	2,456
Illinois	64,861	74,362	58,504	15,858	6,357
Indiana	37,514	32,316	27,758	4,558	9,756
Iowa	24,063	20,978	17,769	3,209	6,294
Kansas	16,910	15,429	13,397	2,032	3,513
Kentucky	21,823	20,454	17,985	2,469	3,838
Louisiana	24,550	22,766	19,584	3,182	4,966
Maine	5,913	6,831	3,863	2,968	2,056
Maryland	21,803	24,700	15,285	9,415	6,518
Massachusetts	46,209	37,740	26,154	11,586	20,055
Michigan	54,817	55,492	49,170	6,322	5,647
Minnesota	25,651	26,790	19,359	7,431	6,292
Mississippi	19,922	18,713	16,821	1,892	3,161
Missouri	28,430	26,645	21,875	4,770	6,555
Montana	5,031	5,399	3,707	1,692	1,324
Nebraska	11,532	11,463	9,234	2,229	2,298
Nevada	3,282	3,807	2,425	1,382	857
New Hampshire	8,148	6,481	3,464	3,017	4,684
New Jersey	30,524	49,681	27,486	22,195	3,038
New Mexico	7,693	8,522	6,379	2,143	1,314
New York	106,847	110,750	87,169	23,581	19,678
North Carolina	39,418	30,960	28,285	2,675	11,133
North Dakota	6,609	5,353	4,309	1,044	2,300
Ohio	61,777	61,673	51,983	9,690	9,794
Oklahoma	16,516	16,482	14,221	2,261	2,296
Oregon	16,487	16,103	12,766	3,337	3,721
Pennsylvania	74,938	68,581	55,543	13,038	12,395
Rhode Island	10,344	5,795	3,644	2,151	6,700
South Carolina	20,994	19,271	16,594	2,677	4,400
South Dakota	4,786	4,342	3,067	1,275	1,719
Tennessee	26,527	24,407	20,227	4,180	6,300
Texas	86,748	86,586	78,262	8,324	8,486
Utah	19,420	15,072	13,994	1,078	5,426
Vermont	4,802	3,306	1,573	1,733	3,229
Virginia	35,769	32,385	25,141	7,244	10,628
Washington	28,578	28,617	24,425	4,192	4,153
West Virginia	12,162	10,183	8,561	1,622	3,601
Wisconsin	31,404	32,013	26,627	5,386	4,777
Wyoming	3,286	3,173	2,334	839	950
State unknown	*	8,821	*	8,821	*
American Samoa	0	38	0	38	0
Federated States of Micronesia	212	462	212	250	0
Guam	177	166	7	159	174
Marshall Islands	11	22	9	13	*
Northern Marianas	440	445	440	5	0
Palau	13	17	13	4	0
Puerto Rico	24,956	25,677	24,916	761	40
Virgin Islands	282	554	276	278	*
Foreign countries	*	22,077	*	22,077	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state  
Student residents of state = Students remaining in state + Migration of students out of state

\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

**Table 3.— Migration patterns of first-time freshmen enrolled in all institutions of higher education, by state:  
50 states and the District of Columbia: Fall 1994**

State	All first-time freshman			Graduated high school in past 12 months		
	Net migration	Percent of enrollment due to in-migration	Percent of enrolled residents leaving state	Net migration	Percent of enrollment due to in-migration	Percent of enrolled residents leaving state
Alabama	4,685	17.60	7.13	4,170	22.03	8.90
Alaska	-1,227	15.56	50.23	-1,029	16.78	55.23
Arizona	3,823	19.64	9.02	2,690	27.16	14.23
Arkansas	450	16.84	14.46	199	16.06	14.73
California	883	7.62	7.30	-1,429	8.53	9.30
Colorado	2,751	24.92	17.89	975	30.62	26.74
Connecticut	-4,137	31.71	42.72	-4,065	40.15	52.87
Delaware	1,176	41.14	29.09	1,161	48.80	35.11
District of Columbia	5,829	75.90	39.67	5,437	79.26	42.15
Florida	2,391	18.37	15.49	391	19.45	18.80
Georgia	2,157	15.48	12.28	1,449	19.61	16.44
Hawaii	-35	19.06	19.33	-999	12.72	25.28
Idaho	876	27.32	20.80	771	33.57	25.74
Illinois	-9,651	7.50	14.94	-9,501	9.80	21.33
Indiana	5,531	22.96	12.94	5,198	26.01	14.10
Iowa	3,806	21.27	11.73	3,085	26.16	15.30
Kansas	1,879	17.45	10.64	1,481	20.77	13.17
Kentucky	1,394	15.78	11.46	1,369	17.59	12.07
Louisiana	1,768	17.75	12.76	1,784	20.23	13.98
Maine	-1,181	27.26	36.52	-918	34.67	43.45
Maryland	-2,738	23.74	29.63	-2,897	29.89	38.12
Massachusetts	10,048	34.78	23.02	8,469	43.40	30.70
Michigan	-960	7.94	8.98	-675	10.30	11.39
Minnesota	-104	22.66	22.87	-1,139	24.53	27.74
Mississippi	1,350	13.58	8.82	1,209	15.57	10.11
Missouri	2,642	21.78	15.98	1,785	23.06	17.90
Montana	-400	23.38	27.62	-368	26.32	31.34
Nebraska	118	16.45	15.85	69	19.93	19.45
Nevada	535	31.60	25.89	-525	26.11	36.30
New Hampshire	2,095	51.03	39.96	1,667	57.49	46.55
New Jersey	-20,465	8.56	38.02	-19,157	9.95	44.68
New Mexico	-1,306	13.02	20.51	-829	17.08	25.15
New York	-1,188	15.92	16.55	-3,903	18.42	21.29
North Carolina	8,688	23.55	7.98	8,458	28.24	8.64
North Dakota	1,074	31.74	21.34	1,256	34.80	19.50
Ohio	1,651	14.37	12.74	104	15.85	15.71
Oklahoma	548	11.29	9.60	34	13.90	13.72
Oregon	1,329	21.92	17.20	384	22.57	20.72
Pennsylvania	6,414	21.59	16.10	6,357	25.88	19.01
Rhode Island	4,687	56.31	30.59	4,549	64.77	37.12
South Carolina	1,906	17.47	11.56	1,723	20.96	13.89
South Dakota	562	31.17	24.76	444	35.92	29.36
Tennessee	2,371	21.12	15.19	2,120	23.75	17.13
Texas	2,393	9.62	7.89	162	9.78	9.61
Utah	4,986	25.78	6.71	4,348	27.94	7.15
Vermont	1,516	57.55	43.61	1,496	67.24	52.42
Virginia	4,039	27.08	19.94	3,384	29.71	22.37
Washington	3,099	12.04	7.88	-39	14.53	14.65
West Virginia	1,981	25.79	15.15	1,979	29.61	15.93
Wisconsin	1,140	15.86	13.74	-609	15.21	16.82
Wyoming	168	25.28	22.58	113	28.97	26.44

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

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**Table 4. — Residence and migration of all first-time freshmen enrolled in public institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	1,659,818	1,660,818	1,490,153	170,665	170,665
Alabama	36,979	33,040	31,812	1,228	5,167
Alaska	1,660	2,258	1,413	845	247
Arizona	30,106	25,508	24,581	927	5,525
Arkansas	13,437	13,458	12,100	1,358	1,337
California	230,492	225,822	217,339	8,483	13,153
Colorado	28,271	23,892	21,755	2,137	6,516
Connecticut	13,194	14,926	11,952	2,974	1,242
Delaware	6,105	4,414	3,616	798	2,469
District of Columbia	2,502	2,491	1,826	665	676
Florida	56,106	52,999	48,603	4,396	7,503
Georgia	46,371	46,396	42,890	3,506	3,481
Hawaii	7,793	8,345	7,522	823	271
Idaho	7,449	7,585	6,488	1,097	961
Illinois	87,050	94,274	85,355	8,919	1,695
Indiana	33,648	30,982	28,847	2,135	4,801
Iowa	27,088	25,515	23,532	1,983	3,556
Kansas	22,056	19,967	19,007	960	3,049
Kentucky	22,440	21,114	19,652	1,462	2,788
Louisiana	26,428	25,795	23,518	2,277	2,910
Maine	5,367	5,557	4,707	850	660
Maryland	28,127	27,159	23,249	3,910	4,878
Massachusetts	31,881	32,298	28,906	3,392	2,975
Michigan	68,554	67,318	64,066	3,252	4,488
Minnesota	28,893	29,414	23,691	5,723	5,202
Mississippi	23,891	22,183	20,921	1,262	2,970
Missouri	26,176	25,935	23,137	2,798	3,039
Montana	5,934	5,566	4,605	961	1,329
Nebraska	13,539	13,549	12,093	1,456	1,446
Nevada	6,834	5,664	4,712	952	2,122
New Hampshire	5,982	5,022	3,803	1,219	2,179
New Jersey	34,590	41,671	33,253	8,418	1,337
New Mexico	13,020	12,887	11,417	1,470	1,603
New York	98,348	101,306	92,346	8,960	6,002
North Carolina	38,303	35,271	33,959	1,312	4,344
North Dakota	7,308	6,124	5,094	1,030	2,214
Ohio	64,539	64,482	60,021	4,461	4,518
Oklahoma	26,162	25,455	24,085	1,370	2,077
Oregon	19,177	17,188	16,002	1,186	3,175
Pennsylvania	58,381	60,167	54,051	6,116	4,330
Rhode Island	5,546	4,923	4,186	737	1,360
South Carolina	22,913	20,979	19,632	1,347	3,281
South Dakota	5,287	4,767	3,734	1,033	1,553
Tennessee	24,136	24,618	22,102	2,516	2,034
Texas	109,689	105,710	101,332	4,378	8,357
Utah	18,841	16,428	16,033	395	2,808
Vermont	3,655	2,565	1,920	645	1,735
Virginia	33,946	31,219	27,771	3,448	6,175
Washington	63,536	59,560	57,732	1,828	5,804
West Virginia	13,316	11,290	10,358	932	2,958
Wisconsin	38,060	37,060	33,749	3,311	4,311
Wyoming	4,630	4,188	3,572	616	1,058
State unknown	*	19,959	*	19,959	*
American Samoa	0	18	0	18	0
Federated States of Micronesia	410	1,063	409	654	1
Guam	956	93	14	79	942
Marshall Islands	22	23	18	5	4
Northern Marianas	440	445	440	5	0
Palau	13	16	13	3	0
Puerto Rico	10,865	11,194	10,853	341	12
Virgin Islands	376	473	359	114	17
Foreign countries	*	21,230	*	21,230	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state

\* = Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

**Table 5. — Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in public institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U S. and outlying areas	1,085,000	1,085,000	960,179	124,821	124,821
Alabama	25,378	21,881	20,941	940	4,437
Alaska	1,156	1,640	971	669	185
Arizona	16,611	12,955	12,264	691	4,347
Arkansas	10,423	10,490	9,437	1,053	986
California	148,387	145,988	139,270	6,718	9,117
Colorado	16,089	13,468	11,643	1,825	4,446
Connecticut	7,768	9,442	6,840	2,602	928
Delaware	4,910	3,242	2,523	719	2,387
District of Columbia	2,000	1,946	1,440	506	560
Florida	39,455	37,896	34,343	3,553	5,112
Georgia	28,547	29,061	26,115	2,946	2,432
Hawaii	5,063	5,576	4,867	709	196
Idaho	4,823	4,941	4,070	871	753
Illinois	47,761	54,311	46,671	7,640	1,090
Indiana	26,158	23,671	22,074	1,597	4,084
Iowa	16,852	15,778	14,104	1,674	2,748
Kansas	14,762	13,002	12,262	740	2,500
Kentucky	17,171	15,889	14,835	1,054	2,336
Louisiana	20,464	19,862	17,976	1,886	2,488
Maine	3,650	3,798	3,077	721	573
Maryland	17,608	17,165	13,710	3,455	3,898
Massachusetts	17,602	18,533	15,588	2,945	2,014
Michigan	45,384	44,170	41,678	2,492	3,706
Minnesota	17,366	19,002	14,270	4,732	3,096
Mississippi	18,315	16,742	15,668	1,074	2,647
Missouri	19,966	19,477	17,342	2,135	2,624
Montana	4,527	4,177	3,411	766	1,116
Nebraska	8,794	8,866	7,690	1,176	1,104
Nevada	3,217	3,195	2,418	777	799
New Hampshire	4,855	3,604	2,829	775	2,026
New Jersey	23,660	30,050	22,674	7,376	986
New Mexico	7,263	7,259	6,101	1,158	1,162
New York	61,314	66,122	58,351	7,771	2,963
North Carolina	26,896	24,356	23,304	1,052	3,592
North Dakota	5,893	4,521	3,904	617	1,989
Ohio	43,924	44,034	40,382	3,652	3,542
Oklahoma	13,969	13,686	12,662	1,024	1,307
Oregon	12,725	11,796	10,803	993	1,922
Pennsylvania	40,946	42,621	37,462	5,159	3,484
Rhode Island	4,165	3,500	2,896	604	1,269
South Carolina	16,291	14,542	13,437	1,105	2,854
South Dakota	3,886	3,485	2,618	867	1,268
Tennessee	18,175	18,586	16,470	2,116	1,705
Texas	71,853	70,334	66,803	3,531	5,050
Utah	14,814	12,789	12,494	295	2,320
Vermont	2,682	1,618	1,111	507	1,571
Virginia	26,927	24,599	21,637	2,962	5,290
Washington	24,297	23,608	22,336	1,272	1,961
West Virginia	10,247	8,288	7,659	629	2,588
Wisconsin	25,112	25,681	22,938	2,743	2,174
Wyoming	3,226	2,764	2,326	438	900
State unknown	*	5,726	*	5,726	*
American Samoa	0	17	0	17	0
Federated States of Micronesia	212	369	212	157	0
Guam	177	78	7	71	170
Marshall Islands	11	12	9	3	2
Northern Marianas	440	442	440	2	0
Palau	13	15	13	2	0
Puerto Rico	10,538	10,781	10,527	254	11
Virgin Islands	282	359	276	83	6
Foreign countries	*	13,194	*	13,194	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state  
Student residents of state = Students remaining in state + Migration of students out of state

\* - Not applicable

SOURCE: U S Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994



**Table 6.—Residence and migration of all first-time freshmen enrolled in private institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	479,985	479,985	284,315	195,670	195,670
Alabama	4,563	3,817	2,418	1,399	2,145
Alaska	101	730	74	656	27
Arizona	2,647	3,422	1,739	1,683	908
Arkansas	2,741	2,270	1,354	916	1,387
California	24,816	28,603	18,517	10,086	6,299
Colorado	3,842	5,470	2,354	3,116	1,488
Connecticut	8,330	10,735	2,747	7,988	5,583
Delaware	816	1,331	458	873	358
District of Columbia	7,204	1,386	513	873	6,691
Florida	14,106	14,822	8,713	6,109	5,393
Georgia	12,620	10,438	6,967	3,471	5,653
Hawaii	2,486	1,969	798	1,171	1,688
Idaho	3,197	2,185	1,250	935	1,947
Illinois	23,346	25,773	16,759	9,014	6,587
Indiana	14,411	11,546	8,176	3,370	6,235
Iowa	8,141	5,908	4,205	1,703	3,936
Kansas	2,585	2,795	1,333	1,462	1,252
Kentucky	6,164	6,096	4,439	1,657	1,725
Louisiana	4,469	3,334	1,895	1,439	2,574
Maine	2,735	3,726	1,186	2,540	1,549
Maryland	4,607	8,313	1,713	6,600	2,894
Massachusetts	33,887	23,422	13,986	9,436	19,901
Michigan	14,892	17,088	12,757	4,331	2,135
Minnesota	9,098	8,681	5,693	2,988	3,405
Mississippi	1,971	2,329	1,428	901	543
Missouri	12,126	9,725	6,824	2,901	5,302
Montana	885	1,653	620	1,033	265
Nebraska	3,077	2,949	1,790	1,159	1,287
Nevada	105	740	34	706	71
New Hampshire	5,391	4,253	1,766	2,487	3,625
New Jersey	8,473	21,857	6,123	15,734	2,350
New Mexico	844	2,283	642	1,641	202
New York	57,451	55,681	38,652	17,029	18,799
North Carolina	13,043	7,387	5,297	2,090	7,776
North Dakota	814	924	450	474	364
Ohio	23,921	22,327	15,725	6,602	8,196
Oklahoma	3,183	3,342	1,947	1,395	1,236
Oregon	4,144	4,804	2,207	2,597	1,937
Pennsylvania	39,601	31,401	22,775	8,626	16,826
Rhode Island	7,099	3,035	1,338	1,697	5,761
South Carolina	5,619	5,647	3,915	1,732	1,704
South Dakota	1,313	1,271	809	462	504
Tennessee	9,734	6,881	4,613	2,268	5,121
Texas	17,477	19,063	13,595	5,468	3,882
Utah	5,542	2,969	2,063	906	3,479
Vermont	2,477	2,051	683	1,368	1,794
Virginia	11,326	10,014	5,241	4,773	6,085
Washington	5,068	5,945	2,614	3,331	2,454
West Virginia	2,483	2,528	1,367	1,161	1,116
Wisconsin	8,419	8,279	5,360	2,919	3,059
Wyoming	184	458	25	433	159
State unknown	*	4,945	*	4,945	*
American Samoa	0	35	0	35	0
Federated States of Micronesia	0	259	0	259	0
Guam	0	98	0	98	0
Marshall Islands	0	11	0	11	0
Northern Marianas	0	5	0	5	0
Palau	0	3	0	3	0
Puerto Rico	16,411	16,927	16,368	559	43
Virgin Islands	0	301	0	301	0
Foreign countries	*	13,745	*	13,745	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state

Student residents of state = Students remaining in state + Migration of students out of state

\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.



**Table 7. — Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in private institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	382,796	382,796	211,265	171,531	171,531
Alabama	3,549	2,876	1,613	1,263	1,936
Alaska	42	587	26	561	16
Arizona	1,239	2,205	738	1,467	501
Arkansas	2,311	2,045	1,252	793	1,059
California	18,987	22,815	13,827	8,988	5,160
Colorado	2,321	3,967	1,130	2,837	1,191
Connecticut	7,287	9,678	2,171	7,507	5,116
Delaware	594	1,101	295	806	299
District of Columbia	6,476	1,093	318	775	6,158
Florida	9,128	10,296	4,791	5,505	4,337
Georgia	9,699	7,736	4,631	3,105	5,068
Hawaii	881	1,367	321	1,046	560
Idaho	2,493	1,604	790	814	1,703
Illinois	17,100	20,051	11,833	8,218	5,267
Indiana	11,356	8,645	5,684	2,961	5,672
Iowa	7,211	5,200	3,665	1,535	3,546
Kansas	2,148	2,427	1,135	1,292	1,013
Kentucky	4,652	4,565	3,150	1,415	1,502
Louisiana	4,086	2,904	1,608	1,296	2,478
Maine	2,263	3,033	786	2,247	1,477
Maryland	4,195	7,535	1,575	5,960	2,620
Massachusetts	28,607	19,207	10,566	8,641	18,041
Michigan	9,433	11,322	7,492	3,830	1,941
Minnesota	8,285	7,788	5,089	2,699	3,196
Mississippi	1,607	1,971	1,153	818	454
Missouri	8,464	7,168	4,533	2,635	3,931
Montana	504	1,222	296	926	208
Nebraska	2,738	2,597	1,544	1,053	1,194
Nevada	65	612	7	605	58
New Hampshire	3,293	2,877	635	2,242	2,658
New Jersey	6,864	19,631	4,812	14,819	2,052
New Mexico	430	1,263	278	985	152
New York	45,533	44,628	28,818	15,810	16,715
North Carolina	12,522	6,604	4,981	1,623	7,541
North Dakota	716	832	405	427	311
Ohio	17,853	17,639	11,601	6,038	6,252
Oklahoma	2,547	2,796	1,559	1,237	988
Oregon	3,762	4,307	1,963	2,344	1,799
Pennsylvania	33,992	25,960	18,081	7,879	15,911
Rhode Island	6,179	2,295	748	1,547	5,431
South Carolina	4,703	4,729	3,157	1,572	1,546
South Dakota	900	857	449	408	451
Tennessee	8,352	5,821	3,757	2,064	4,595
Texas	14,895	16,252	11,459	4,793	3,436
Utah	4,606	2,283	1,500	783	3,106
Vermont	2,120	1,688	462	1,226	1,658
Virginia	8,842	7,786	3,504	4,282	5,338
Washington	4,281	5,009	2,089	2,920	2,192
West Virginia	1,915	1,895	902	993	1,013
Wisconsin	6,292	6,332	3,689	2,643	2,603
Wyoming	60	409	8	401	52
State unknown	*	3,095	*	3,095	*
American Samoa	0	21	0	21	0
Federated States of Micronesia	0	93	0	93	0
Guam	0	88	0	88	0
Marshall Islands	0	10	0	10	0
Northern Marianas	0	3	0	3	0
Palau	0	2	0	2	0
Puerto Rico	14,418	14,896	14,389	507	29
Virgin Islands	0	195	0	195	0
Foreign countries	*	8,883	*	8,883	*

NOTE Students enrolled in state = Students remaining in state + Migration of students into state  
Student residents of state = Students remaining in state + Migration of students out of state

\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

Table 8.—Percentage of all first-time freshmen enrolled in private institutions of higher education, by residence and migration status and state: Fall 1994

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U S. and outlying areas	22.42	22.42	16.02	53.41	53.41
Alabama	10.98	10.36	7.06	53.25	29.34
Alaska	5.74	24.43	4.98	43.70	9.85
Arizona	8.08	11.83	6.61	64.48	14.11
Arkansas	16.94	14.43	10.06	40.28	50.92
California	9.72	11.24	7.85	54.32	32.38
Colorado	11.96	18.63	9.76	59.32	18.59
Connecticut	38.70	41.83	18.69	72.87	81.80
Delaware	11.79	23.17	11.24	52.24	12.57
District of Columbia	74.22	35.75	21.93	56.76	90.82
Florida	20.09	21.85	15.20	58.15	41.82
Georgia	21.39	18.37	13.97	49.75	61.89
Hawaii	24.19	19.09	9.59	58.73	86.17
Idaho	30.03	22.36	16.15	46.01	66.95
Illinois	21.15	21.47	16.41	50.26	79.53
Indiana	29.99	27.15	22.08	61.22	56.50
Iowa	23.11	18.80	15.16	46.20	52.54
Kansas	10.49	12.28	6.55	60.36	29.11
Kentucky	21.55	22.40	18.43	53.13	38.22
Louisiana	14.46	11.45	7.46	38.72	46.94
Maine	33.76	40.14	20.13	74.93	70.12
Maryland	14.07	23.44	6.86	62.80	37.24
Massachusetts	51.53	42.04	32.61	73.56	87.00
Michigan	17.85	20.25	16.61	57.11	32.24
Minnesota	23.95	22.79	19.37	34.30	39.56
Mississippi	7.62	9.50	6.39	41.66	15.46
Missouri	31.66	27.27	22.78	50.90	63.57
Montana	12.98	22.90	11.87	51.81	16.62
Nebraska	18.52	17.87	12.89	44.32	47.09
Nevada	1.51	11.56	0.72	42.58	3.24
New Hampshire	47.40	45.85	31.71	67.11	62.46
New Jersey	19.68	34.41	15.55	65.15	63.74
New Mexico	6.09	15.05	5.32	52.75	11.19
New York	36.88	35.47	29.51	65.52	75.80
North Carolina	25.40	17.32	13.49	61.43	64.07
North Dakota	10.02	13.11	8.12	31.52	14.12
Ohio	27.04	25.72	20.76	59.68	64.46
Oklahoma	10.85	11.61	7.48	50.45	37.31
Oregon	17.77	21.84	12.12	68.65	37.89
Pennsylvania	40.42	34.29	29.64	58.51	79.53
Rhode Island	56.14	38.14	24.22	69.72	80.90
South Carolina	19.69	21.21	16.63	56.25	34.18
South Dakota	19.89	21.05	17.81	30.90	24.50
Tennessee	28.74	21.85	17.27	47.41	71.57
Texas	13.74	15.28	11.83	55.54	31.72
Utah	22.73	15.31	11.40	69.64	55.34
Vermont	40.39	44.43	26.24	67.96	50.84
Virginia	25.02	24.29	15.88	58.06	49.63
Washington	7.39	9.08	4.33	64.57	29.72
West Virginia	15.72	18.29	11.66	55.47	27.39
Wisconsin	18.11	18.26	13.71	46.85	41.52
Wyoming	3.82	9.86	0.70	41.28	13.06
State unknown	*	19.86	*	19.86	*
American Samoa	*	66.04	*	66.04	*
Federated States of Micronesia	0.00	19.59	0.00	28.37	0.00
Guam	0.00	51.31	0.00	55.37	0.00
Marshall Islands	0.00	32.35	0.00	68.75	0.00
Northern Marianas	0.00	1.11	0.00	50.00	*
Palau	0.00	15.79	0.00	50.00	*
Puerto Rico	60.17	60.19	60.13	62.11	78.18
Virgin Islands	0.00	38.89	0.00	72.53	0.00
Foreign countries	*	39.30	*	39.30	*

NOTE. Percentages are derived by dividing the enrollments from table 6 by the corresponding enrollments in table 1 and multiplying by 100.

\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 9. — Percentage of first-time freshmen graduating from high school in the past 12 months enrolled in private institutions of higher education, by residence and migration status and state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	26.08	26.08	18.03	57.88	57.88
Alabama	12.27	11.62	7.15	57.33	30.38
Alaska	3.51	26.36	2.61	45.61	7.96
Arizona	6.94	14.54	5.68	67.98	10.33
Arkansas	18.15	16.31	11.71	42.96	51.78
California	11.34	13.52	9.03	57.23	36.14
Colorado	12.61	22.75	8.85	60.85	21.13
Connecticut	48.40	50.62	24.09	74.26	84.65
Delaware	10.79	25.35	10.47	52.85	11.13
District of Columbia	76.40	35.97	18.09	60.50	91.66
Florida	18.79	21.36	12.24	60.78	45.90
Georgia	25.36	21.02	15.06	51.31	67.57
Hawaii	14.82	19.69	6.19	59.60	74.07
Idaho	34.08	24.51	16.26	48.31	69.34
Illinois	26.36	26.96	20.23	51.82	82.85
Indiana	30.27	26.75	20.48	64.96	58.14
Iowa	29.97	24.79	20.63	47.83	56.34
Kansas	12.70	15.73	8.47	63.58	28.84
Kentucky	21.32	22.32	17.51	57.31	39.13
Louisiana	16.64	12.76	8.21	40.73	49.90
Maine	38.27	44.40	20.35	75.71	72.05
Maryland	19.24	30.51	10.30	63.30	40.20
Massachusetts	61.91	50.89	40.40	74.58	89.96
Michigan	17.21	20.40	15.24	60.58	34.37
Minnesota	32.30	29.07	26.29	36.32	50.79
Mississippi	8.07	10.53	6.85	43.23	14.64
Missouri	29.77	26.90	20.72	55.24	59.97
Montana	10.02	22.63	7.98	54.73	15.71
Nebraska	23.74	22.66	16.72	47.24	51.96
Nevada	1.98	16.08	0.29	43.78	6.77
New Hampshire	40.41	44.39	18.33	74.31	56.75
New Jersey	22.49	39.51	17.51	66.77	67.54
New Mexico	5.59	14.82	4.36	45.96	11.57
New York	42.62	40.30	33.06	67.05	84.94
North Carolina	31.77	21.33	17.61	60.67	67.74
North Dakota	10.83	15.54	9.40	40.90	13.52
Ohio	28.90	28.60	22.32	62.31	63.84
Oklahoma	15.42	16.96	10.96	54.71	43.05
Oregon	22.82	26.75	15.38	70.24	48.35
Pennsylvania	45.36	37.85	32.55	60.43	82.04
Rhode Island	59.74	39.60	20.53	71.92	81.06
South Carolina	22.40	24.54	19.02	58.72	35.14
South Dakota	18.80	19.74	14.64	32.00	26.24
Tennessee	31.48	23.85	18.57	49.38	72.94
Texas	17.17	18.77	14.64	57.58	40.49
Utah	23.72	15.15	10.72	72.63	57.24
Vermont	44.15	51.06	29.37	70.74	51.35
Virginia	24.72	24.04	13.94	59.11	50.23
Washington	14.98	17.50	8.55	69.66	52.78
West Virginia	15.75	18.61	10.54	61.22	28.13
Wisconsin	20.04	19.78	13.85	49.07	54.49
Wyoming	1.83	12.89	0.34	47.79	5.46
State unknown	*	35.09	*	35.09	*
American Samoa	*	55.26	*	55.26	*
Federated States of Micronesia	0.00	20.13	0.00	37.20	*
Guam	0.00	53.01	0.00	55.35	0.00
Marshall Islands	0.00	45.45	0.00	76.92	0.00
Northern Marianas	0.00	0.67	0.00	60.00	*
Palau	0.00	11.76	0.00	50.00	*
Puerto Rico	57.77	58.01	57.75	66.62	72.50
Virgin Islands	0.00	35.20	0.00	70.14	0.00
Foreign countries	*	40.24	*	40.24	*

NOTE. Percentages are derived by dividing the enrollments from table 7 by the corresponding enrollments in table 2 and multiplying by 100

\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 10. — Residence and migration of all first-time freshmen enrolled in 4-year institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	1,134,354	1,134,354	826,397	307,957	307,957
Alabama	19,047	14,766	12,600	2,166	6,447
Alaska	1,730	2,739	1,456	1,283	274
Arizona	12,801	10,095	7,978	2,117	4,823
Arkansas	12,217	11,475	9,937	1,538	2,280
California	68,052	72,226	55,634	16,592	12,418
Colorado	18,034	16,983	12,343	4,640	5,691
Connecticut	13,946	17,744	7,407	10,337	6,539
Delaware	4,890	3,754	2,189	1,565	2,701
District of Columbia	9,706	3,735	2,339	1,396	7,367
Florida	31,046	31,357	22,015	9,342	9,031
Georgia	32,453	30,577	24,516	6,061	7,937
Hawaii	4,577	4,485	2,732	1,753	1,845
Idaho	5,196	5,888	4,266	1,622	930
Illinois	42,330	51,157	34,717	16,440	7,613
Indiana	39,997	34,471	29,988	4,483	10,009
Iowa	16,279	13,309	10,059	3,250	6,220
Kansas	12,719	11,869	9,708	2,161	3,011
Kentucky	18,255	16,617	14,168	2,449	4,087
Louisiana	25,612	23,251	20,195	3,056	5,417
Maine	6,107	7,047	3,964	3,083	2,143
Maryland	15,625	18,896	8,860	10,036	6,765
Massachusetts	42,384	33,131	21,248	11,883	21,136
Michigan	44,938	45,400	38,818	6,582	6,120
Minnesota	19,857	21,768	13,739	8,029	6,118
Mississippi	8,886	8,018	6,121	1,897	2,765
Missouri	26,344	23,735	19,038	4,697	7,306
Montana	5,651	5,502	4,114	1,388	1,537
Nebraska	10,375	10,072	7,931	2,141	2,444
Nevada	3,343	3,429	2,196	1,233	1,147
New Hampshire	8,122	6,427	3,383	3,044	4,739
New Jersey	19,686	39,730	16,621	23,109	3,065
New Mexico	5,466	6,920	4,382	2,538	1,084
New York	93,690	95,603	71,093	24,510	22,597
North Carolina	33,620	25,344	22,582	2,762	11,038
North Dakota	5,228	4,218	3,130	1,088	2,098
Ohio	56,442	56,342	46,300	10,042	10,142
Oklahoma	14,107	13,601	11,561	2,040	2,546
Oregon	11,589	11,020	7,666	3,354	3,923
Pennsylvania	66,457	59,935	46,597	13,338	19,860
Rhode Island	9,151	4,694	2,534	2,160	6,617
South Carolina	16,240	14,292	11,628	2,664	4,612
South Dakota	6,502	5,635	4,453	1,182	2,049
Tennessee	21,176	18,546	14,370	4,176	6,806
Texas	62,498	62,861	53,938	8,923	8,560
Utah	16,208	11,178	10,496	682	5,712
Vermont	5,334	3,625	1,905	1,720	3,429
Virginia	31,310	27,487	20,011	7,476	11,299
Washington	14,528	15,137	10,900	4,237	3,628
West Virginia	13,297	11,090	9,604	1,486	3,693
Wisconsin	27,271	25,732	20,446	5,286	6,825
Wyoming	1,360	1,712	856	856	504
State unknown	*	7,466	*	7,466	*
American Samoa	0	44	0	44	0
Federated States of Micronesia	0	400	0	400	0
Guam	938	160	0	160	938
Marshall Islands	0	11	0	11	0
Northern Marianas	0	5	0	5	0
Palau	0	3	0	3	0
Puerto Rico	21,361	22,100	21,306	794	55
Virgin Islands	376	733	359	374	17
Foreign countries	*	28,807	*	28,807	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state  
Student residents of state = Students remaining in state + Migration of students out of state

\* Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

Table 11.— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in 4-year institutions of higher education, by state: Fall 1994

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Cut of state	Into state
U S and outlying areas	983.791	983.791	711.452	272.339	272.339
Alabama	16.883	13.016	11.044	1.972	5.839
Alaska	1.193	2.117	992	1.125	201
Arizona	10.937	8.563	6.668	1.895	4.269
Arkansas	10.423	9.957	8.570	1.387	1.853
California	63.217	67.244	52.260	14.984	10.957
Colorado	15.068	14.207	9.943	4.264	5.125
Connecticut	12.193	15.982	6.286	9.696	5.907
Delaware	4.581	3.446	1.961	1.485	2.620
District of Columbia	8.476	2.983	1.758	1.225	6.718
Florida	26.950	27.521	19.007	8.514	7.943
Georgia	26.954	25.559	19.945	5.614	7.009
Hawaii	2.877	3.792	2.177	1.615	750
Idaho	3.747	4.440	2.971	1.469	776
Illinois	35.655	44.598	29.500	15.098	6.155
Indiana	33.419	28.060	24.061	3.999	9.358
Iowa	15.336	12.578	9.576	3.002	5.760
Kansas	10.997	10.278	8.359	1.919	2.638
Kentucky	15.811	14.411	12.222	2.189	3.589
Louisiana	21.760	19.651	16.828	2.823	4.932
Maine	5.003	5.806	3.004	2.802	1.999
Maryland	14.022	17.144	7.937	9.207	6.085
Massachusetts	36.548	28.639	17.493	11.146	19.055
Michigan	37.214	37.656	31.792	5.864	5.422
Minnesota	18.162	19.542	12.517	7.025	5.645
Mississippi	8.416	7.545	5.789	1.756	2.627
Missouri	22.449	20.591	16.264	4.327	6.185
Montana	4.402	4.343	3.116	1.227	1.286
Nebraska	9.035	8.897	6.900	1.997	2.135
Nevada	2.552	2.928	1.811	1.117	741
New Hampshire	6.713	5.175	2.440	2.735	4.273
New Jersey	17.446	36.312	14.695	21.617	2.751
New Mexico	4.520	5.451	3.596	1.855	924
New York	75.455	79.504	56.654	22.850	18.801
North Carolina	32.053	23.765	21.358	2.407	10.695
North Dakota	4.588	3.628	2.669	959	1.919
Ohio	48.165	48.105	38.967	9.138	7.198
Oklahoma	10.638	10.517	8.679	1.838	1.959
Oregon	9.892	9.594	6.509	3.085	3.383
Pennsylvania	61.040	54.695	42.322	12.373	18.718
Rhode Island	8.598	4.135	2.138	1.997	6.466
South Carolina	14.733	12.981	10.514	2.467	4.219
South Dakota	4.773	4.145	3.056	1.089	1.717
Tennessee	18.803	16.587	12.709	3.878	6.094
Texas	55.610	56.430	48.543	7.887	7.067
Utah	14.476	9.966	9.390	576	5.086
Vermont	4.688	3.064	1.484	1.580	3.204
Virginia	28.864	25.412	18.525	6.887	10.339
Washington	13.371	13.787	10.031	3.756	3.640
West Virginia	11.040	9.003	7.642	1.361	3.398
Wisconsin	22.343	22.676	17.770	4.906	4.573
Wyoming	1.246	1.478	769	709	477
State unknown	*	4.331	*	4.331	*
American Samoa	0	30	0	30	0
Federated States of Micronesia	0	109	0	109	0
Guam	169	146	0	146	169
Marshall Islands	0	10	0	10	0
Northern Marianas	0	3	0	3	0
Palau	0	2	0	2	0
Puerto Rico	20.005	20.682	19.965	717	40
Virgin Islands	282	533	276	257	6
Foreign countries	*	20.041	*	20.041	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state

Student residents of state = Students remaining in state + Migration of students out of state

\* = Not applicable

SOURCE: U S Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

**Table 12 .— Percentage of all first-time freshmen enrolled in 4-year institutions of higher education, by residence and migration status and state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	52.99	52.99	46.57	84.06	84.06
Alabama	45.85	40.06	36.81	82.45	88.17
Alaska	98.24	91.67	97.92	85.48	100.00
Arizona	39.08	34.89	30.31	81.11	74.97
Arkansas	75.52	72.96	73.86	67.63	83.70
California	26.65	28.39	23.59	89.35	63.84
Colorado	56.16	57.84	51.20	88.33	71.10
Connecticut	64.79	69.15	50.39	94.30	95.81
Delaware	70.65	65.34	53.73	93.66	94.87
District of Columbia	100.00	96.34	100.00	90.77	100.00
Florida	44.22	46.23	38.41	88.93	70.03
Georgia	55.01	53.80	49.17	86.87	86.90
Hawaii	44.53	43.48	32.84	87.91	94.18
Idaho	48.81	60.27	55.13	79.82	31.98
Illinois	38.34	42.61	34.00	91.67	91.92
Indiana	83.22	81.05	81.00	81.44	90.69
Iowa	46.21	42.35	36.27	88.17	83.02
Kansas	51.62	52.14	47.73	89.22	70.01
Kentucky	63.82	61.07	58.81	78.52	90.56
Louisiana	82.89	79.82	79.47	82.24	98.78
Maine	75.38	75.91	67.27	90.94	97.01
Maryland	47.73	53.27	35.49	95.49	87.04
Massachusetts	64.44	59.46	49.54	92.63	92.39
Michigan	53.85	53.79	50.53	86.80	92.41
Minnesota	52.27	57.14	46.76	92.17	71.08
Mississippi	34.36	32.71	27.39	87.70	78.71
Missouri	68.78	66.56	63.54	82.42	87.59
Montana	82.87	76.22	78.74	69.61	96.42
Nebraska	62.44	61.05	57.13	81.87	89.43
Nevada	48.18	53.54	46.27	74.37	52.30
New Hampshire	71.41	69.29	60.75	82.14	81.65
New Jersey	45.71	62.54	42.21	95.68	83.13
New Mexico	39.43	45.62	36.34	81.58	60.06
New York	60.14	60.90	54.27	94.31	91.11
North Carolina	65.48	59.41	57.52	81.19	91.30
North Dakota	64.37	59.85	56.46	72.34	81.38
Ohio	63.81	64.90	61.13	90.77	79.77
Oklahoma	48.07	47.23	44.41	73.78	76.85
Oregon	49.69	50.11	42.10	88.66	76.74
Pennsylvania	67.83	65.45	60.65	90.48	93.87
Rhode Island	72.37	58.98	45.87	88.74	92.92
South Carolina	56.92	53.68	49.38	86.52	92.52
South Dakota	98.52	93.33	98.02	79.06	99.61
Tennessee	62.52	58.88	53.79	87.29	95.12
Texas	49.15	50.38	46.93	90.63	69.94
Utah	66.47	57.63	58.00	52.42	90.85
Vermont	86.99	78.53	73.18	85.44	97.17
Virginia	69.16	66.66	60.62	90.94	92.16
Washington	21.18	23.11	18.06	82.13	43.93
West Virginia	84.16	80.26	81.91	71.00	90.65
Wisconsin	58.67	56.75	52.28	84.85	92.61
Wyoming	28.25	36.35	23.80	81.60	41.41
State unknown	*	29.98	*	29.98	*
American Samoa	*	83.02	*	83.02	*
Federated States of Micronesia	0.00	30.26	0.00	43.81	0.00
Guam	98.12	83.77	0.00	90.40	99.58
Marshall Islands	0.00	32.35	0.00	68.75	0.00
Northern Marianas	0.00	1.11	0.00	50.00	*
Palau	0.00	15.79	0.00	50.00	*
Puerto Rico	78.31	78.59	78.27	88.22	100.00
Virgin Islands	100.00	94.70	100.00	90.12	100.00
Foreign countries	*	82.36	*	82.36	*

NOTE: Percentages are derived by dividing the enrollments from table 10 by the corresponding enrollments in table 1 and multiplying by 100.

\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 13 .— Percentage of first-time freshmen graduating from high school in the past 12 months enrolled in 4-year institutions of higher education, by residence and migration status and state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U S. and outlying areas	67.03	67.03	60.73	91.90	91.90
Alabama	58.36	52.58	48.97	89.51	91.62
Alaska	99.58	95.06	99.50	91.46	100.00
Arizona	61.27	56.48	51.28	87.81	88.06
Arkansas	81.85	79.43	80.18	75.14	90.61
California	37.77	39.84	34.14	95.40	76.75
Colorado	81.85	81.49	77.84	91.46	90.92
Connecticut	80.99	83.59	69.76	95.91	97.73
Delaware	83.23	79.35	69.59	97.38	97.54
District of Columbia	100.00	98.16	100.00	95.63	100.00
Florida	55.47	57.11	48.57	93.99	84.06
Georgia	70.48	69.46	64.87	92.78	93.45
Hawaii	48.40	54.62	41.96	92.02	92.59
Idaho	51.22	67.84	61.13	87.18	31.60
Illinois	54.97	59.97	50.42	95.21	96.82
Indiana	89.08	86.83	86.68	87.74	95.92
Iowa	63.73	59.96	53.89	93.55	91.52
Kansas	65.03	66.61	62.39	94.44	75.09
Kentucky	72.45	70.46	67.96	88.66	93.51
Louisiana	88.64	86.32	85.93	88.72	99.32
Maine	84.61	84.99	77.76	94.41	97.51
Maryland	64.31	69.41	51.93	97.79	93.36
Massachusetts	79.09	75.89	66.88	96.20	95.01
Michigan	67.89	67.86	64.66	92.76	96.02
Minnesota	70.80	72.95	64.66	94.54	89.72
Mississippi	42.24	40.32	34.42	92.81	84.71
Missouri	78.96	77.28	74.35	90.71	94.36
Montana	87.50	80.44	84.06	72.52	97.13
Nebraska	78.35	77.61	74.72	89.59	92.91
Nevada	77.76	76.91	74.68	80.82	86.46
New Hampshire	82.39	79.85	70.44	90.65	91.23
New Jersey	57.10	73.09	53.46	97.40	90.55
New Mexico	58.75	63.96	56.37	86.56	70.32
New York	70.62	71.79	64.99	96.90	95.54
North Carolina	81.32	76.76	75.51	89.98	96.07
North Dakota	69.42	67.78	61.94	91.86	83.43
Ohio	77.97	78.00	74.96	94.30	93.91
Oklahoma	64.41	63.81	61.03	81.29	85.36
Oregon	60.00	59.58	50.99	92.45	90.92
Pennsylvania	81.45	79.75	76.20	94.90	96.51
Rhode Island	83.12	71.35	58.67	92.84	96.42
South Carolina	70.18	67.36	63.36	92.16	95.89
South Dakota	99.73	95.46	99.64	85.41	99.88
Tennessee	70.88	67.96	62.83	92.78	96.73
Texas	64.11	65.17	62.03	94.75	83.28
Utah	74.54	66.12	67.10	53.43	93.73
Vermont	97.63	92.68	94.34	91.17	99.23
Virginia	80.70	78.47	73.68	95.07	97.28
Washington	46.79	48.18	41.07	89.60	80.42
West Virginia	90.77	88.41	89.27	83.91	94.36
Wisconsin	71.15	70.83	66.74	91.09	95.73
Wyoming	37.92	46.58	32.95	84.51	50.11
State unknown	*	49.10	*	49.10	*
American Samoa	*	78.95	*	78.95	*
Federated States of Micronesia	0.00	23.59	0.00	43.60	*
Guam	95.48	87.95	0.00	91.82	99.41
Marshall Islands	0.00	45.45	0.00	76.92	0.00
Northern Marianas	0.00	0.67	0.00	60.00	*
Palau	0.00	11.76	0.00	50.00	*
Puerto Rico	80.16	80.55	80.13	94.22	100.00
Virgin Islands	100.00	96.21	100.00	92.45	100.00
Foreign countries	*	90.78	*	90.78	*

NOTE Percentages are derived by dividing the enrollments from table 11 by the corresponding enrollments in table 2 and multiplying by 100.

\* . Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.



**Table 14 .— Residence and migration of all first-time freshmen enrolled in 2-year institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	1,006,449	1,006,449	948,071	58,378	58,378
Alabama	22,495	22,091	21,630	461	865
Alaska	31	249	31	218	0
Arizona	19,952	18,835	18,342	493	1,610
Arkansas	3,961	4,253	3,517	736	444
California	187,256	182,199	180,222	1,977	7,034
Colorado	14,079	12,379	11,766	613	2,313
Connecticut	7,578	7,917	7,292	625	286
Delaware	2,031	1,991	1,885	106	146
District of Columbia	0	142	0	142	0
Florida	39,166	36,464	35,301	1,163	3,865
Georgia	26,538	26,257	25,341	916	1,197
Hawaii	5,702	5,829	5,588	241	114
Idaho	5,450	3,882	3,472	410	1,978
Illinois	68,066	68,890	67,397	1,493	669
Indiana	8,062	8,057	7,035	1,022	1,027
Iowa	18,950	18,114	17,678	436	1,272
Kansas	11,922	10,893	10,632	261	1,290
Kentucky	10,349	10,593	9,923	670	426
Louisiana	5,285	5,878	5,218	660	67
Maine	1,995	2,236	1,929	307	66
Maryland	17,109	16,576	16,102	474	1,007
Massachusetts	23,384	22,589	21,644	945	1,740
Michigan	38,508	39,006	38,005	1,001	503
Minnesota	18,134	16,327	15,645	682	2,489
Mississippi	16,976	16,494	16,228	266	748
Missouri	11,958	11,925	10,923	1,002	1,035
Montana	1,168	1,717	1,111	606	57
Nebraska	6,241	6,426	5,952	474	289
Nevada	3,596	2,975	2,550	425	1,046
New Hampshire	3,251	2,848	2,186	662	1,065
New Jersey	23,377	23,798	22,755	1,043	622
New Mexico	8,398	8,250	7,677	573	721
New York	62,109	61,384	59,905	1,479	2,204
North Carolina	17,726	17,314	16,674	640	1,052
North Dakota	2,894	2,830	2,414	416	480
Ohio	32,018	30,467	29,446	1,021	2,572
Oklahoma	15,238	15,196	14,471	725	767
Oregon	11,732	10,972	10,543	429	1,189
Pennsylvania	31,525	31,633	30,229	1,404	1,296
Rhode Island	3,494	3,264	2,990	274	504
South Carolina	12,292	12,334	11,919	415	373
South Dakota	98	403	90	313	8
Tennessee	12,694	12,953	12,345	608	349
Texas	64,668	61,912	60,989	923	3,679
Utah	8,175	8,219	7,600	619	575
Vermont	798	991	698	293	100
Virginia	13,962	13,746	13,001	745	961
Washington	54,076	50,368	49,446	922	4,630
West Virginia	2,502	2,728	2,121	607	381
Wisconsin	19,208	19,607	18,663	944	545
Wyoming	3,454	2,934	2,741	193	713
State unknown	*	17,438	*	17,438	*
American Samoa	0	9	0	9	0
Federated States of Micronesia	410	922	409	513	1
Guam	18	31	14	17	4
Marshall Islands	22	23	18	5	4
Northern Marianas	440	445	440	5	0
Palau	13	16	13	3	0
Puerto Rico	5,915	6,021	5,915	106	0
Virgin Islands	0	41	0	41	0
Foreign countries	*	6,168	*	6,168	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state  
Student residents of state = Students remaining in state + Migration of students out of state  
\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994



**Table 15.—Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in 2-year institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	484,005	484,005	459,992	24.0	24.013
Alabama	12,044	11,741	11,510	231	534
Alaska	5	110	5	105	0
Arizona	6,913	6,597	6,334	263	579
Arkansas	2,311	2,578	2,119	459	192
California	104,157	101,559	100,837	722	3,320
Colorado	3,342	3,228	2,830	398	512
Connecticut	2,862	3,138	2,725	413	137
Delaware	923	897	857	40	66
District of Columbia	0	56	0	56	0
Florida	21,633	20,671	20,127	544	1,506
Georgia	11,292	11,238	10,801	437	491
Hawaii	3,067	3,151	3,011	140	56
Idaho	3,569	2,105	1,889	216	1,680
Illinois	29,206	29,764	29,004	760	202
Indiana	4,095	4,256	3,697	559	398
Iowa	8,727	8,400	8,193	207	534
Kansas	5,913	5,151	5,038	113	875
Kentucky	6,012	6,043	5,763	280	249
Louisiana	2,790	3,115	2,756	359	34
Maine	910	1,025	859	166	51
Maryland	7,781	7,556	7,348	208	433
Massachusetts	9,661	9,101	8,661	440	1,000
Michigan	17,603	17,836	17,378	458	225
Minnesota	7,489	7,248	6,842	406	647
Mississippi	11,506	11,168	11,032	136	474
Missouri	5,981	6,054	5,611	443	370
Montana	629	1,056	591	465	38
Nebraska	2,497	2,566	2,334	232	163
Nevada	730	879	614	265	116
New Hampshire	1,435	1,306	1,024	282	411
New Jersey	13,078	13,369	12,791	578	287
New Mexico	3,173	3,071	2,783	288	390
New York	31,392	31,246	30,515	731	877
North Carolina	7,365	7,195	6,927	268	438
North Dakota	2,021	1,725	1,640	85	381
Ohio	13,612	13,568	13,016	552	596
Oklahoma	5,878	5,965	5,542	423	346
Oregon	6,595	6,509	6,257	252	338
Pennsylvania	13,898	13,886	13,221	665	677
Rhode Island	1,746	1,660	1,506	154	240
South Carolina	6,261	6,290	6,080	210	181
South Dakota	13	197	11	186	2
Tennessee	7,724	7,820	7,518	302	206
Texas	31,138	30,156	29,719	437	1,419
Utah	4,944	5,106	4,604	502	340
Vermont	114	242	89	153	25
Virginia	6,905	6,973	6,616	357	289
Washington	15,207	14,830	14,394	436	813
West Virginia	1,122	1,180	919	261	203
Wisconsin	9,061	9,337	8,857	480	204
Wyoming	2,040	1,695	1,565	130	475
State unknown	*	4,490	*	4,490	*
American Samoa	0	8	0	8	0
Federated States of Micronesia	212	353	212	141	0
Guam	8	20	7	13	1
Marshall Islands	11	12	9	3	2
Northern Marianas	440	442	440	2	0
Palau	13	15	13	2	0
Puerto Rico	4,951	4,995	4,951	44	0
Virgin Islands	0	21	0	21	0
Foreign countries	*	2,036	*	2,036	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state  
Student residents of state = Students remaining in state + Migration of students out of state

\* . Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 16 .— Residence and migration of all first-time freshmen enrolled in public 4-year institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	718,739	718,739	593,765	124,974	124,974
Alabama	15,053	11,459	10,610	849	4,443
Alaska	1,659	2,089	1,412	677	247
Arizona	10,595	7,159	6,558	601	4,037
Arkansas	9,646	9,258	8,583	675	1,063
California	46,952	47,479	40,412	7,067	6,540
Colorado	15,455	12,569	10,890	1,679	4,5
Connecticut	6,017	7,668	4,933	2,735	1,1
Delaware	4,074	2,462	1,731	731	2,343
District of Columbia	2,502	2,367	1,826	541	676
Florida	18,600	18,206	14,679	3,527	3,921
Georgia	22,054	22,166	19,367	2,799	2,687
Hawaii	2,091	2,578	1,934	644	157
Idaho	4,770	4,921	4,097	824	673
Illinois	21,470	28,191	20,333	7,858	1,137
Indiana	27,125	24,527	23,052	1,475	4,073
Iowa	8,616	7,948	6,322	1,626	2,294
Kansas	10,376	9,219	8,462	757	1,914
Kentucky	13,474	11,974	10,983	991	2,491
Louisiana	21,547	20,393	18,704	1,689	2,843
Maine	3,796	3,933	3,192	741	604
Maryland	11,365	10,881	7,298	3,583	4,067
Massachusetts	12,581	13,513	10,525	2,988	2,056
Michigan	30,532	29,007	26,518	2,489	4,014
Minnesota	11,731	13,962	8,868	5,094	2,863
Mississippi	7,402	6,130	5,107	1,023	2,295
Missouri	16,413	15,570	13,632	1,938	2,781
Montana	4,826	4,070	3,554	516	1,272
Nebraska	7,402	7,296	6,245	1,051	1,157
Nevada	3,265	2,803	2,164	639	1,101
New Hampshire	4,239	2,915	2,238	677	2,001
New Jersey	12,722	19,577	11,786	7,791	936
New Mexico	4,971	5,041	4,061	980	910
New York	43,210	47,136	38,987	8,149	4,223
North Carolina	21,533	18,963	17,926	1,037	3,607
North Dakota	4,504	3,350	2,715	635	1,789
Ohio	37,010	37,261	33,380	3,881	3,330
Oklahoma	11,609	10,840	10,107	733	1,502
Oregon	7,506	6,490	5,497	993	2,009
Pennsylvania	33,550	34,583	29,514	5,069	4,036
Rhode Island	2,944	2,360	1,750	610	1,194
South Carolina	11,201	9,342	8,235	1,107	2,966
South Dakota	5,228	4,459	3,682	777	1,546
Tennessee	12,553	12,793	10,761	2,032	1,742
Texas	47,254	46,093	42,397	3,696	4,857
Utah	11,192	9,056	8,801	255	2,391
Vermont	2,896	1,698	1,225	473	1,671
Virginia	21,486	19,267	16,168	3,099	5,318
Washington	9,941	9,789	8,571	1,218	1,370
West Virginia	10,961	8,848	8,377	471	2,584
Wisconsin	19,516	18,289	15,743	2,546	3,773
Wyoming	1,360	1,364	856	508	504
State unknown	*	3,586	*	3,586	*
American Samoa	0	9	0	9	0
Federated States of Micronesia	0	292	0	292	0
Guam	938	62	0	62	938
Marshall Islands	0	0	0	0	0
Northern Marianas	0	0	0	0	0
Palau	0	0	0	0	0
Puerto Rico	8,650	8,875	8,638	237	12
Virgin Islands	376	446	359	87	17
Foreign countries	*	16,157	*	16,157	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state

Student residents of state = Students remaining in state + Migration of students out of state

\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

Table 17.— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in public 4-year institutions of higher education, by state: Fall 1994

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	631,656	631,656	523,789	107,867	107,867
Alabama	13,585	10,310	9,549	761	4,036
Alaska	1,156	1,562	971	591	185
Arizona	9,928	6,645	6,113	532	3,815
Arkansas	8,115	7,939	7,318	621	797
California	45,634	45,948	39,675	6,273	5,959
Colorado	13,315	10,675	9,140	1,535	4,175
Connecticut	5,203	6,801	4,299	2,502	904
Delaware	3,987	2,363	1,666	697	2,321
District of Columbia	2,000	1,897	1,440	457	560
Florida	18,165	17,587	14,401	3,186	3,764
Georgia	18,491	18,906	16,292	2,614	2,199
Hawaii	1,996	2,444	1,856	588	140
Idaho	3,346	3,553	2,812	741	534
Illinois	19,733	25,919	18,781	7,138	952
Indiana	22,892	20,339	19,022	1,317	3,870
Iowa	8,371	7,668	6,148	1,520	2,223
Kansas	8,997	7,929	7,266	663	1,731
Kentucky	11,620	10,348	9,464	884	2,156
Louisiana	17,891	17,000	15,437	1,563	2,454
Maine	2,857	3,001	2,326	675	531
Maryland	9,947	9,745	6,422	3,323	3,525
Massachusetts	10,318	11,299	8,564	2,735	1,754
Michigan	28,009	26,718	24,507	2,211	3,502
Minnesota	10,536	12,309	7,955	4,354	2,581
Mississippi	7,055	5,794	4,842	952	2,213
Missouri	14,673	13,933	12,167	1,766	2,506
Montana	3,919	3,272	2,841	431	1,078
Nebraska	6,312	6,361	5,371	990	941
Nevada	2,512	2,388	1,806	582	766
New Hampshire	3,952	2,602	2,012	590	1,940
New Jersey	11,302	17,576	10,505	7,071	797
New Mexico	4,240	4,373	3,453	920	787
New York	32,583	37,666	30,214	7,452	2,369
North Carolina	20,369	17,849	16,919	930	3,450
North Dakota	3,921	2,829	2,282	547	1,639
Ohio	31,867	32,009	28,604	3,405	3,263
Oklahoma	8,407	8,006	7,357	649	1,070
Oregon	6,134	5,455	4,549	906	1,585
Pennsylvania	30,380	31,660	26,954	4,706	3,426
Rhode Island	2,643	2,029	1,473	556	1,176
South Carolina	10,396	8,692	7,684	1,008	2,712
South Dakota	3,878	3,323	2,611	712	1,267
Tennessee	11,148	11,461	9,586	1,875	1,562
Texas	41,839	41,355	38,119	3,236	3,720
Utah	10,100	8,255	8,036	219	2,064
Vermont	2,589	1,447	1,024	423	1,565
Virginia	20,434	18,166	15,351	2,815	5,083
Washington	9,358	9,101	8,075	1,026	1,283
West Virginia	9,158	7,203	6,771	432	2,387
Wisconsin	16,375	16,800	14,402	2,398	1,973
Wyoming	1,246	1,145	769	376	477
State unknown	*	1,453	*	1,453	*
American Samoa	0	9	0	9	0
Federated States of Micronesia	0	63	0	63	0
Guam	169	58	0	58	169
Marshall Islands	0	0	0	0	0
Northern Marianas	0	0	0	0	0
Palau	0	0	0	0	0
Puerto Rico	8,323	8,524	8,312	212	11
Virgin Islands	282	349	276	73	6
Foreign countries	*	11,545	*	11,545	*

NOTE: Students enrolled in state = Student residents of state + Migration of students into state  
Student residents of state = Students remaining in state + Migration of students out of state

\* = Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

**Table 18. — Residence and migration of all first-time freshmen enrolled in private 4-year institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	415,615	415,615	232,632	182,983	182,983
Alabama	3,994	3,307	1,990	1,317	2,004
Alaska	71	650	44	606	27
Arizona	2,206	2,936	1,420	1,516	786
Arkansas	2,571	2,217	1,354	863	1,217
California	21,100	24,747	15,222	9,525	5,878
Colorado	2,579	4,414	1,453	2,961	1,126
Connecticut	7,929	10,076	2,474	7,602	5,455
Delaware	816	1,292	458	834	358
District of Columbia	7,204	1,368	513	855	6,691
Florida	12,446	13,151	7,336	5,815	5,110
Georgia	10,399	8,411	5,149	3,262	5,250
Hawaii	2,486	1,907	798	1,109	1,688
Idaho	426	967	169	798	257
Illinois	20,860	22,966	14,384	8,582	6,476
Indiana	12,872	9,944	6,936	3,008	5,936
Iowa	7,663	5,361	3,737	1,624	3,926
Kansas	2,343	2,650	1,246	1,404	1,097
Kentucky	4,781	4,643	3,185	1,458	1,596
Louisiana	4,065	2,858	1,491	1,367	2,574
Maine	2,311	3,114	772	2,342	1,539
Maryland	4,260	8,015	1,562	6,453	2,698
Massachusetts	29,803	19,618	10,723	8,895	19,080
Michigan	14,406	16,393	12,300	4,093	2,106
Minnesota	8,126	7,806	4,871	2,935	3,255
Mississippi	1,484	1,888	1,014	874	470
Missouri	9,931	8,165	5,406	2,759	4,525
Montana	825	1,432	560	872	265
Nebraska	2,973	2,776	1,686	1,090	1,287
Nevada	78	626	32	594	46
New Hampshire	3,883	3,512	1,145	2,367	2,738
New Jersey	6,964	20,153	4,835	15,318	2,129
New Mexico	495	1,879	321	1,558	174
New York	50,480	48,467	32,106	16,361	18,374
North Carolina	12,087	6,381	4,656	1,725	7,431
North Dakota	724	868	415	453	309
Ohio	19,432	19,081	12,920	6,161	6,512
Oklahoma	2,498	2,761	1,454	1,307	1,044
Oregon	4,083	4,530	2,169	2,361	1,914
Pennsylvania	32,907	25,352	17,083	8,269	15,824
Rhode Island	6,207	2,334	784	1,550	5,423
South Carolina	5,039	4,950	3,393	1,557	1,646
South Dakota	1,274	1,176	771	405	503
Tennessee	8,623	5,753	3,609	2,144	5,014
Texas	15,244	16,768	11,541	5,227	3,703
Utah	5,016	2,122	1,695	427	3,321
Vermont	2,438	1,927	680	1,247	1,758
Virginia	9,824	8,220	3,843	4,377	5,981
Washington	4,587	5,348	2,329	3,019	2,258
West Virginia	2,336	2,242	1,227	1,015	1,109
Wisconsin	7,755	7,443	4,703	2,740	3,052
Wyoming	0	348	0	348	0
State unknown	*	3,880	*	3,880	*
American Samoa	0	35	0	35	0
Federated States of Micronesia	0	108	0	108	0
Guam	0	98	0	98	0
Marshall Islands	0	11	0	11	0
Northern Marianas	0	5	0	5	0
Palau	0	3	0	3	0
Puerto Rico	12,711	13,225	12,668	557	43
Virgin Islands	0	287	0	287	0
Foreign countries	*	12,650	*	12,650	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state

Student residents of state = Students remaining in state + Migration of students out of state

\* . Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

**Table 19. — Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in private 4-year institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	352,135	352,135	187,663	164,472	164,472
Alabama	3,298	2,706	1,495	1,211	1,803
Alaska	37	555	21	534	16
Arizona	1,009	1,918	555	1,363	454
Arkansas	2,308	2,018	1,252	766	1,056
California	17,583	21,296	12,585	8,711	4,998
Colorado	1,753	3,532	803	2,729	950
Connecticut	6,990	9,181	1,987	7,194	5,003
Delaware	594	1,083	295	788	299
District of Columbia	6,476	1,086	318	768	6,158
Florida	8,785	9,934	4,606	5,328	4,179
Georgia	8,463	6,653	3,653	3,000	4,810
Hawaii	881	1,348	321	1,027	560
Idaho	401	887	159	728	242
Illinois	15,922	18,679	10,719	7,960	5,203
Indiana	10,527	7,721	5,039	2,682	5,488
Iowa	6,965	4,910	3,428	1,482	3,537
Kansas	2,000	2,349	1,093	1,256	907
Kentucky	4,191	4,063	2,758	1,305	1,433
Louisiana	3,869	2,651	1,391	1,260	2,473
Maine	2,146	2,805	678	2,127	1,468
Maryland	4,075	7,399	1,515	5,884	2,560
Massachusetts	26,230	17,340	8,929	8,411	17,301
Michigan	9,205	10,938	7,285	3,653	1,920
Minnesota	7,626	7,233	4,562	2,671	3,064
Mississippi	1,361	1,751	947	804	414
Missouri	7,776	6,658	4,097	2,561	3,679
Montana	483	1,071	275	796	208
Nebraska	2,723	2,536	1,529	1,007	1,194
Nevada	40	540	5	535	35
New Hampshire	2,761	2,573	428	2,145	2,333
New Jersey	6,144	18,736	4,190	14,546	1,954
New Mexico	280	1,078	143	935	137
New York	42,872	41,838	26,443	15,398	16,432
North Carolina	11,684	5,916	4,439	1,477	7,245
North Dakota	667	799	387	412	280
Ohio	16,298	16,096	10,363	5,733	5,935
Oklahoma	2,231	2,511	1,322	1,189	909
Oregon	3,758	4,139	1,960	2,179	1,798
Pennsylvania	30,660	23,035	15,368	7,667	15,292
Rhode Island	5,955	2,106	665	1,441	5,290
South Carolina	4,337	4,289	2,830	1,459	1,507
South Dakota	895	822	445	377	450
Tennessee	7,655	5,126	3,123	2,003	4,532
Texas	13,771	15,075	10,424	4,651	3,347
Utah	4,376	1,711	1,354	357	3,022
Vermont	2,099	1,617	460	1,157	1,639
Virginia	8,430	7,246	3,174	4,072	5,256
Washington	4,013	4,686	1,956	2,730	2,057
West Virginia	1,882	1,800	871	929	1,011
Wisconsin	5,968	5,876	3,368	2,508	2,600
Wyoming	0	333	0	333	0
State unknown	*	2,878	*	2,878	*
American Samoa	0	21	0	21	0
Federated States of Micronesia	0	46	0	46	0
Guam	0	88	0	88	0
Marshall Islands	0	10	0	10	0
Northern Marianas	0	3	0	3	0
Palau	0	2	0	2	0
Puerto Rico	11,682	12,158	11,653	505	29
Virgin Islands	0	184	0	184	0
Foreign countries	*	8,496	*	8,496	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state  
Student residents of state = Students remaining in state + Migration of students out of state

\* = Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 20. — Residence and migration of all first-time freshmen enrolled in public 2-year institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	942.079	942.079	896.388	45.691	45.691
Alabama	21.926	21.581	21.202	379	724
Alaska	1	169	1	168	0
Arizona	19.511	18.349	18.023	326	1.488
Arkansas	3.791	4.200	3.517	683	274
California	183.540	178.343	176.927	1.416	6.613
Colorado	12.816	11.323	10.865	458	1.951
Connecticut	7.177	7.258	7.019	239	158
Delaware	2.031	1.952	1.885	67	146
District of Columbia	0	124	0	124	0
Florida	37.506	34.793	33.924	869	3.582
Georgia	24.317	24.230	23.523	707	794
Hawaii	5.702	5.767	5.588	179	114
Idaho	2.679	2.664	2.391	273	288
Illinois	65.580	66.033	65.022	1.061	558
Indiana	6.523	6.455	5.795	660	728
Iowa	18.472	17.567	17.210	357	1.262
Kansas	11.680	10.748	10.545	203	1.135
Kentucky	8.966	9.140	8.669	471	297
Louisiana	4.881	5.402	4.814	588	67
Maine	1.571	1.624	1.515	109	56
Maryland	16.762	16.278	15.951	327	811
Massachusetts	19.300	18.785	18.381	404	919
Michigan	38.022	38.311	37.548	763	474
Minnesota	17.162	15.452	14.823	629	2.339
Mississippi	16.489	16.053	15.814	239	675
Missouri	9.763	10.365	9.505	860	258
Montana	1.108	1.496	1.051	445	57
Nebraska	6.137	6.253	5.848	405	289
Nevada	3.569	2.861	2.548	313	1.021
New Hampshire	1.743	2.107	1.565	542	178
New Jersey	21.868	22.094	21.467	627	401
New Mexico	8.049	7.846	7.356	490	693
New York	55.138	54.170	53.359	811	1.779
North Carolina	16.770	16.308	16.033	275	737
North Dakota	2.804	2.774	2.379	395	425
Ohio	27.529	27.221	26.641	580	888
Oklahoma	14.553	14.615	13.978	637	575
Oregon	11.671	10.698	10.505	193	1.166
Pennsylvania	24.831	25.584	24.537	1.047	294
Rhode Island	2.602	2.563	2.436	127	166
South Carolina	11.712	11.637	11.397	240	315
South Dakota	59	308	52	256	7
Tennessee	11.583	11.825	11.341	484	242
Texas	62.435	59.617	58.935	682	3.500
Utah	7.649	7.372	7.232	140	417
Vermont	759	867	695	172	64
Virginia	12.460	11.952	11.603	349	857
Washington	53.595	49.771	49.161	610	4.434
West Virginia	2.355	2.442	1.981	461	374
Wisconsin	18.544	18.771	18.006	765	538
Wyoming	3.270	2.824	2.716	108	554
State unknown	*	16.373	*	16.373	*
American Samoa	0	9	0	9	0
Federated States of Micronesia	410	771	409	362	1
Guam	18	31	14	17	4
Marshall Islands	22	23	18	5	4
Northern Marianas	440	445	440	5	0
Palau	13	16	13	3	0
Puerto Rico	2.215	2.319	2.215	104	0
Virgin Islands	0	27	0	27	0
Foreign countries	*	5.073	*	5.073	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state

Student residents of state = Students remaining in state + Migration of students out of state

\* = Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

Table 21 .— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in public 2-year institutions of higher education, by state: Fall 1994

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	453,344	453,344	436,390	16,954	16,954
Alabama	11,793	11,571	11,392	179	401
Alaska	0	78	0	78	0
Arizona	6,683	6,310	6,151	159	532
Arkansas	2,308	2,551	2,119	432	189
California	102,753	100,040	99,595	445	3,158
Colorado	2,774	2,793	2,503	290	271
Connecticut	2,565	2,641	2,541	100	24
Delaware	923	879	857	22	66
District of Columbia	0	49	0	49	0
Florida	21,290	20,309	19,942	367	1,348
Georgia	10,056	10,155	9,823	332	233
Hawaii	3,067	3,132	3,011	121	56
Idaho	1,477	1,388	1,258	130	219
Illinois	28,028	28,392	27,890	502	138
Indiana	3,266	3,332	3,052	280	214
Iowa	8,481	8,110	7,956	154	525
Kansas	5,765	5,073	4,996	77	769
Kentucky	5,551	5,541	5,371	170	180
Louisiana	2,573	2,862	2,539	323	34
Maine	793	797	751	46	42
Maryland	7,661	7,420	7,288	132	373
Massachusetts	7,284	7,234	7,024	210	260
Michigan	17,375	17,452	17,171	281	204
Minnesota	6,830	6,693	6,315	378	515
Mississippi	11,260	10,948	10,826	122	434
Missouri	5,293	5,544	5,175	369	118
Montana	608	905	570	335	38
Nebraska	2,482	2,505	2,319	186	163
Nevada	705	807	612	195	93
New Hampshire	903	1,002	817	185	86
New Jersey	12,358	12,474	12,169	305	189
New Mexico	3,023	2,886	2,648	238	375
New York	28,731	28,456	28,137	319	594
North Carolina	6,527	6,507	6,385	122	142
North Dakota	1,972	1,692	1,622	70	350
Ohio	12,057	12,025	11,778	247	279
Oklahoma	5,562	5,680	5,305	375	257
Oregon	6,591	6,341	6,254	87	337
Pennsylvania	10,566	10,961	10,508	453	58
Rhode Island	1,522	1,471	1,423	48	99
South Carolina	5,895	5,850	5,753	97	142
South Dakota	8	162	7	155	1
Tennessee	7,027	7,125	6,884	241	143
Texas	30,014	28,979	28,684	295	1,330
Utah	4,714	4,534	4,458	76	256
Vermont	93	171	87	84	6
Virginia	6,493	6,433	6,286	147	207
Washington	14,939	14,507	14,261	246	678
West Virginia	1,089	1,085	888	197	201
Wisconsin	8,737	8,881	8,536	345	201
Wyoming	1,980	1,619	1,557	62	423
State unknown	*	4,273	*	4,273	*
American Samoa	0	8	0	8	0
Federated States of Micronesia	212	306	212	94	0
Guam	8	20	7	13	1
Marshall Islands	11	12	9	3	2
Northern Marianas	440	442	440	2	0
Palau	13	15	13	2	0
Puerto Rico	2,215	2,257	2,215	42	0
Virgin Islands	0	10	0	10	0
Foreign countries	*	1,649	*	1,649	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state  
Student residents of state = Students remaining in state + Migration of students out of state

\* Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994



**Table 22. — Residence and migration of all first-time freshmen enrolled in private 2-year institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	64,370	64,370	51,683	12,687	12,687
Alabama	569	510	428	82	141
Alaska	30	80	30	50	0
Arizona	441	486	319	167	122
Arkansas	170	53	0	53	170
California	3,716	3,856	3,295	561	421
Colorado	1,263	1,056	901	155	362
Connecticut	401	659	273	386	128
Delaware	0	39	0	39	0
District of Columbia	0	18	0	18	0
Florida	1,660	1,671	1,377	294	283
Georgia	2,221	2,027	1,818	209	403
Hawaii	0	62	0	62	0
Idaho	2,771	1,218	1,081	137	1,690
Illinois	2,486	2,807	2,375	432	111
Indiana	1,539	1,602	1,240	362	299
Iowa	478	547	468	79	10
Kansas	242	145	87	58	155
Kentucky	1,383	1,453	1,254	199	129
Louisiana	404	476	404	72	0
Maine	424	612	414	198	10
Maryland	347	298	151	147	196
Massachusetts	4,084	3,804	3,263	541	821
Michigan	486	695	457	238	29
Minnesota	972	875	822	53	150
Mississippi	487	441	414	27	73
Missouri	2,195	1,560	1,418	142	777
Montana	60	221	60	161	0
Nebraska	104	173	104	69	0
Nevada	27	114	2	112	25
New Hampshire	1,508	741	621	120	887
New Jersey	1,509	1,704	1,288	416	221
New Mexico	349	404	321	83	28
New York	6,971	7,214	6,546	668	425
North Carolina	956	1,006	641	365	315
North Dakota	90	56	35	21	55
Ohio	4,489	3,246	2,805	441	1,684
Oklahoma	685	581	493	88	192
Oregon	61	274	38	236	23
Pennsylvania	6,694	6,049	5,692	357	1,002
Rhode Island	892	701	554	147	338
South Carolina	580	697	522	175	58
South Dakota	39	95	38	57	1
Tennessee	1,111	1,128	1,004	124	107
Texas	2,233	2,295	2,054	241	179
Utah	526	847	368	479	158
Vermont	39	124	3	121	36
Virginia	1,502	1,794	1,398	396	104
Washington	481	597	285	312	196
West Virginia	147	286	140	146	7
Wisconsin	664	836	657	179	7
Wyoming	184	110	25	85	159
State unknown	*	1,065	*	1,065	*
American Samoa	0	0	0	0	0
Federated States of Micronesia	0	151	0	151	0
Guam	0	0	0	0	0
Marshall Islands	0	0	0	0	0
Northern Marianas	0	0	0	0	0
Palau	0	0	0	0	0
Puerto Rico	3,700	3,702	3,700	2	0
Virgin Islands	0	14	0	14	0
Foreign countries	*	1,095	*	1,095	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state

Student residents of state = Students remaining in state + Migration of students out of state

\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994



**Table 23. — Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in private 2-year institutions of higher education, by state: Fall 1994**

State	Students enrolled in state	Student residents of state	Students remaining in state	Migration of students	
				Out of state	Into state
U.S. and outlying areas	30.661	30.661	23.602	7.059	7.059
Alabama	251	170	118	52	133
Alaska	5	32	5	27	0
Arizona	230	287	183	104	47
Arkansas	3	27	0	27	3
California	1.404	1.519	1.242	277	162
Colorado	568	435	327	108	241
Connecticut	297	497	184	313	113
Delaware	0	18	0	18	0
District of Columbia	0	7	0	7	0
Florida	343	362	185	177	158
Georgia	1.236	1.083	978	105	258
Hawaii	0	19	0	19	0
Idaho	2.092	717	631	86	1,461
Illinois	1.178	1.372	1.114	258	64
Indiana	829	924	645	279	184
Iowa	246	290	237	53	9
Kansas	148	78	42	36	136
Kentucky	461	502	392	110	69
Louisiana	217	253	217	36	0
Maine	117	228	108	120	4
Maryland	120	136	60	76	60
Massachusetts	2.377	1.867	1.637	230	740
Michigan	228	384	207	177	21
Minnesota	659	555	527	28	132
Mississippi	246	220	206	14	40
Missouri	688	510	436	74	252
Montana	21	151	21	130	0
Nebraska	15	61	15	46	0
Nevada	25	72	2	70	23
New Hampshire	532	304	207	97	325
New Jersey	720	895	622	273	98
New Mexico	150	185	135	50	15
New York	2.661	2.790	2.378	412	283
North Carolina	838	688	542	146	296
North Dakota	49	33	18	15	31
Ohio	1.555	1.543	1.238	305	317
Oklahoma	316	285	237	48	79
Oregon	4	168	3	165	1
Pennsylvania	3.332	2.925	2.713	212	619
Rhode Island	224	189	83	106	141
South Carolina	366	440	327	113	39
South Dakota	5	35	4	31	1
Tennessee	697	695	634	61	63
Texas	1.124	1.177	1.035	142	89
Utah	230	572	146	426	84
Vermont	21	71	2	69	19
Virginia	412	540	330	210	82
Washington	268	323	133	190	135
West Virginia	33	95	31	64	2
Wisconsin	324	456	321	135	3
Wyoming	60	76	8	68	52
State unknown	*	217	*	217	*
American Samoa	0	0	0	0	0
Federated States of Micronesia	0	47	0	47	0
Guam	0	0	0	0	0
Marshall Islands	0	0	0	0	0
Northern Marianas	0	0	0	0	0
Palau	0	0	0	0	0
Puerto Rico	2.736	2.738	2.736	2	0
Virgin Islands	0	11	0	11	0
Foreign countries	*	387	*	387	*

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state

Student residents of state = Students remaining in state + Migration of students out of state

\* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

## Appendix A: Description of the Survey

The Fall Enrollment survey with part C, the residence component was sent to the universe of accredited institutions<sup>4</sup> and to all other institutions offering a bachelor's, master's, doctor's or first-professional degree. As shown below in Table A1, there are two versions of the Fall Enrollment survey: "EF1", which was sent to 4-year institutions, is designed to collect the most detailed enrollment data; and "EF2", which was sent to less-than 4-year institutions, is designed to collect more limited enrollment data. Both, however, collect the same level of detail on the residence component.

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**Table A1.--Data requested in the 1994 Fall Enrollment Survey, by survey form**

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Survey	Enrollment data requested
EF1 & EF2	<ul style="list-style-type: none"><li>● Attendance Status - full-time and part-time</li><li>● Sex of student</li><li>● Race/ethnicity</li><li>● Degree-seeking status</li><li>● Residence and migration</li></ul>
EF1 only	<ul style="list-style-type: none"><li>● Student level - undergraduate, first-professional, graduate</li><li>● Year of study - first-time and all other undergraduate years, graduate (first-time vs. all others), first-professional (first-time vs. all others)</li></ul>
EF2 only	<ul style="list-style-type: none"><li>● Year of study (first-time vs. all others)</li></ul>

Fall enrollment counts are based on part A of the survey. Information on race ethnicity, sex, and level of attendance is also collected via part A. Data about student age are collected via part B of the IPEDS survey in odd-numbered years, while data about the residence of first-time freshmen are collected with part C in even-numbered years.

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<sup>4</sup>Accredited institutions are those institutions of higher education (i.e., HEGIS institutions) which are accredited at the collegiate level by an agency recognized by the Secretary, U.S. Department of Education.

## Appendix B: Survey Methodology

### Overview

1994 Fall enrollment data collected through the National Center for Education Statistics represent 8,741 postsecondary institutions that are eligible to participate in Title IV programs (financial aid) in the United States and its outlying areas. The 1994 Fall Enrollment survey (either EF1 or EF2) was sent to the universe of institutions<sup>5</sup> accredited at the collegiate level and to all other institutions offering a bachelor's, master's, doctor's or first-professional degree. Enrollment data were collected from all remaining 4-year, 2-but-less-than-4-year, and less-than-2-year institutions eligible for Title IV funding via the Consolidated survey. The Consolidated survey is designed to collect information from noncollegiate institutions on fall enrollment, finance, fall staff, completions, and occupationally specific enrollment. It does not collect residence and migration data. Although total fall enrollment includes data collected via the Consolidated survey, the residence and migration data presented in this report do not include data from any schools that received a Consolidated survey.

Students **included** in the Fall Enrollment survey:

- . students enrolled in courses creditable toward a degree or other formal award;
- . students enrolled in courses that are part of a vocational or occupational program, including those enrolled in off-campus centers; and
- . high school students taking regular college courses for credit.

Students **excluded** from the Fall Enrollment survey:

- . students enrolled exclusively in courses not creditable toward a formal award and not in a postsecondary vocational program;
- . students enrolled exclusively in remedial courses;
- . students exclusively auditing classes;
- . students studying abroad (e.g., at a foreign university) if their enrollment at the institution is only an administrative record and the fee is only nominal;
- . students in any branch campus located in a foreign country; and

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<sup>5</sup>Accredited institutions are those institutions of higher education (i.e., HEGIS institutions) that are accredited at the collegiate level by an agency recognized by the Secretary, U.S. Department of Education.

students earning continuing education units (CEU's) only.

### **Universe, Institutions Surveyed and Response Rates**

A universe of 9,260 postsecondary institutions was initially established as being eligible to participate in Title IV programs by the IPEDS 1993-94 Institutional Characteristics survey. Fall Enrollment survey forms were mailed in July 1994: (1) EF1 forms were mailed to 2,645 institutions; (2) EF2 forms to 1,471 institutions; and (3) CN forms to 5,144 institutions. The survey results were collected from November 1994 through June 1995. During this time period, institutions determined to be out-of-scope were deleted from the universe. These deletions resulted from formal notification by IPEDS state coordinators, the Department of Education eligibility notices, and followup telephone calls. Included in the deletions were: (1) duplicates of other institutions on the file; (2) institutions that had closed or merged with another institution, and thus were no longer a legitimate institution or branch; (3) institutions that no longer offered postsecondary programs; or (4) schools that did not conform to the IPEDS definition of an institution or branch. At the conclusion of this process, 8,741 institutions were contained in the final 1994 fall enrollment universe. The final universe was also adjusted to reflect institutions that changed from one sector to another subsequent to survey mailout. Twelve institutions, representing 7,583 students, were recognized as higher education institutions subsequent to survey mailout. Their enrollments are not counted in the 1994 residence and migration data.

Followup for nonresponse began in November 1994 and was conducted by letter and telephone. The Postsecondary Education Telephone System (PETS) was used to collect data from the nonrespondents to the surveys in that group of institutions for which IPEDS state coordinators were not responsible for followup. Institutions responding through PETS were asked to provide the total number of men and women enrolled, by level of enrollment and total enrollment, by race-ethnicity and sex.

Table B1 shows the number of institutions that were mailed the 1994 Fall Enrollment survey (or the Consolidated form) by accreditation status, level and control of institution; the final in-scope universe of institutions receiving either survey form; the number of in-scope institutions that responded; and the response rates.

**Table B1.--Number of institutions in the 1994 Fall Enrollment Survey and survey response rates by survey form, accreditation status, and by sector of institution**

Survey form and sector of institution	Mailed	Final Universe	Number Responded	Response Rate
All postsecondary	9,260	8,741	7,834	89.6
EF1 form	2,645	2,653	2,392	90.2
EF2 form	1,471	1,416	1,327	93.7
Consolidated form	5,144	4,672	4,115	88.1
4 year	2,791	2,759	2,465	89.3
Public	631	628	623	99.2
Nonprofit	1,988	1,963	1,713	87.3
For profit	172	168	129	76.8
2 year	2,610	2,545	2,372	93.2
Public	1,272	1,266	1,198	94.6
Nonprofit	613	600	549	91.5
For profit	725	679	625	92.0
Less than 2 year	3,859	3,437	2,997	87.2
Public	273	263	240	91.3
Nonprofit	279	252	214	84.9
For profit	3,307	2,922	2,543	87.0
Higher education	3,747	3,711	3,552	95.7
4 year	2,255	2,245	2,177	97.0
Public	617	617	612	99.2
Nonprofit	1,541	1,530	1,470	96.1
For profit	97	98	95	96.9
2 year	1,466	1,449	1,360	93.9
Public	1,049	1,039	979	94.2
Nonprofit	185	183	167	91.3
For profit	232	227	214	94.3
Less than 2 year	26	17	15	88.2
Public	1	-	-	-
Nonprofit	5	4	4	100.0
For profit	20	13	11	84.6
All other postsecondary	5,513	5,030	4,282	85.1
4 year	536	514	288	56.0
Public	14	11	11	100.0
Nonprofit	447	433	243	56.1
For profit	75	70	34	48.6
2 year	1,144	1,096	1,012	92.3
Public	223	227	219	96.5
Nonprofit	428	417	382	91.6
For profit	493	452	411	90.9
Less than 2 year	3,833	3,420	2,982	87.2
Public	272	263	240	91.3
Nonprofit	274	248	210	84.7
For profit	3,287	2,909	2,532	87.0

Table notes

- 1 By definition, 4 year institutions offer a bachelor's degree or postbaccalaureate award of some kind, 2-year institutions offer at least one program of at least 2 years' duration; and less-than 2 year schools offer only programs of less-than-2 years duration.
- 2 The sector of an institution at the time of mailout may differ from its sector in the final universe because a school's sector may change because of a shift in the highest level of offering, or due to improper classification by sector the prior year. Because of this sector change some 4 year institutions may return an EF2 form and 2-year institutions may return an EF1 form.
- 3 Response rates were calculated as the ratio of the number of completed survey forms divided by the number of schools in the final universe. Any institution was considered a respondent if it supplied total enrollment by sex.

## Survey Conduct and Editing

The Fall Enrollment survey carries a due date of November 15. Extensive followup for survey nonresponse was conducted from November 1994 through April 1995. Initially, reminder letters were mailed, encouraging nonresponding institutions to complete and return their forms; and subsequently, the Postsecondary Education Telephone System (PETS) was used to collect only critical data by telephone from an institutional representative. All data, whether received on paper forms or through the PETS system, went through the same editing process.

Survey responses were edited for internal and inter-year consistency. The following editing procedures were used:

- (1) All program entries (submissions by field) were checked for CIP code validity against the 1990 version of *A Classification of Instructional Programs* and to confirm these were the fields requested by the Office for Civil Rights. (even numbered years only)
- (2) Addition checks were performed by adding down the columns and comparing generated totals with reported totals. If the reported total differed from the generated total but was within a designated range, the reported total was replaced by the generated total and the cell was flagged with the proper impute code. If the difference exceeded the designated range, institutions were contacted for verification/correction. Addition checks were also performed by generating totals for men and women across columns in each line of data submitted on the form. These generated totals by sex were compared to the reported totals and a balance field was created if they differed.
- (3) Comparisons were also made with the number of students reported for selected items for the prior year. If the differences were sufficiently large to trigger an edit flag, institutions were contacted for verification.
- (4) Part C data were edited in a similar manner. Addition checks were performed and compared to reported totals in part C and to corresponding totals in Part A. Balances were generated when these numbers differed. If the balance was outside a certain range the institutions were contacted for verification/correction. If the balance was inside a certain range the Part C total was replaced by corresponding value in Part A. The balance was then allocated among the state of residence categories using the state of residence distribution actually reported by the institution.

## Data Management and Imputation

Data for part A enrollment by race-ethnicity were imputed for nonresponding institutions. The following imputation procedures were used:

For institutions with reported data on the prior year 1993 enrollment file: All institutions that reported data in both 1993 and 1994 were grouped by level of offering and control of institution. Enrollment data were then aggregated for each group and percent changes were calculated. For each nonresponding institution in 1994 their 1993 enrollment data were adjusted by the percent changes of the group to which that institution belonged.

Imputations for all items for institutions with no prior year report were based on current year group means or ratios derived for similar institutions with reported data in 1994. Groups were formed by combining institutions by level of offering and control of institution.

Data for part C enrollment of first-time freshman by state of residence were imputed for nonresponding institutions; The following imputation procedure were used:

For institutions that reported data for first-time freshman in part A, but did not report residence data in part C in 1994, and reported residence data in 1992, the reported first-time freshman in Part A was distributed in the same proportion as the reported 1992 data by state of residence.

For institutions that did not respond to any part of the 1994 fall enrollment survey but did respond to the 1993 fall enrollment survey the total first-time freshman in part A were imputed as described above. If the institution had reported residence and migration data in 1992 then the imputed first-time freshman in part A was distributed in the same proportion as the reported 1992 data by state of residence.

Imputation was not done if the institution did not report residence and migration data in 1992. For these institutions the imputed or reported value of first-time freshman from part A was set equal to line 99 of part C and a balance line (98) which is also equal to line 99 was created. This was done to make grand total in part C consistent with part A and detail of part C consistent with the grand total of part C for both EF1 and EF2 records. Part C was not on the CN form.

For institutions, that responded to (column 1) all first-time freshman, but did not respond to (column 2) first-time freshman who graduated from high school in the past 12 months, the following partial imputation procedure was used:

For all institutions that responded to both columns 1 and 2, a ratio was

computed by dividing all first-time freshmen graduating from high school in the past 12 months by all first-time freshmen at the institution. A median ratio was then computed by sector and state of institution. All for-profit institutions were combined into one sector. For each institution that did not respond to column 2, the total first-time freshman reported in column 1 by state of residence was multiplied by the median ratio of the institution's sector and state to impute first-time freshmen who graduated from high school in the past 12 months by state of residence.

Table B2 compares the number of higher education institutions with first-time freshman and the total enrollment of all first-time freshman for parts A and C. 3,084 institutions reported first-time freshman in part A. 3,051 of those institutions reported enrollment by state of residence. Of the 33 institutions that did not report, 19 were imputed using the methods described above and 14 were not imputed, accounting for 15,392 students.

**Table B2.--Number of higher education institutions and total enrollment of first-time freshmen for parts A and C in the 1994 Fall Enrollment Survey, by survey form and by response status of institution**

Survey form and Response status	Part A total	Part C total	Part C reported	Part C imputed	Part C not imputed
Number of institutions	3,233	3,152	N/A	N/A	N/A
CN form total	22	N/A	N/A	N/A	N/A
EF form total	3,211	3,152	3,051	101	50
EF form reported	3,084	3,070	3,051	19	14
EF form imputed	127	82	0	82	45
Total enrollment	2,163,778	N/A	N/A	N/A	N/A
CN form total	7,583	N/A	N/A	N/A	N/A
EF form total	2,156,195	2,140,803	2,051,464	89,339	15,392
EF form reported	2,061,979	2,059,512	2,051,464	8,048	2,467
EF form imputed	94,216	81,291	0	81,291	12,925

Table notes:

Part C total = Part C reported + Part C imputed

Part C not imputed = Part A total - Part C total

Table B3 compares the enrollment of all first-time freshmen for parts A and C in higher education institutions for each state and the outlying areas.



**Table B3.— Reported and imputed first-time freshmen enrolled in all institutions of higher education, by survey form and part, and by state: Fall 1994**

State	Part A			Part C			Part A, EF minus Part C total
	EF and CN	CN form	EF form	Total	Reported	Imputed	
U.S. and outlying areas	2,163,778	7,583	2,156,195	2,140,803	2,051,464	89,339	15,392
Alabama	47,667	0	47,667	41,542	41,542	0	6,125
Alaska	1,835	74	1,761	1,761	1,761	0	0
Arizona	32,753	0	32,753	32,753	32,753	0	0
Arkansas	16,378	200	16,178	16,178	15,835	343	0
California	258,687	41	258,646	255,308	250,451	4,857	3,338
Colorado	32,189	0	32,189	32,113	32,113	0	76
Connecticut	21,525	0	21,525	21,524	21,518	6	1
Delaware	6,921	0	6,921	6,921	6,921	0	0
District of Columbia	9,706	0	9,706	9,706	9,706	0	0
Florida	71,318	427	70,891	70,212	69,976	236	679
Georgia	58,991	0	58,991	58,991	58,737	254	0
Hawaii	10,309	0	10,309	10,279	10,279	0	30
Idaho	10,646	0	10,646	10,646	10,646	0	0
Illinois	111,309	913	110,396	110,396	44,816	65,580	0
Indiana	48,059	0	48,059	48,059	47,762	297	0
Iowa	35,229	0	35,229	35,229	35,229	0	0
Kansas	24,641	0	24,641	24,641	24,641	0	0
Kentucky	28,983	0	28,983	28,604	28,604	0	379
Louisiana	30,951	54	30,897	30,897	30,897	0	0
Maine	8,149	47	8,102	8,102	8,011	91	0
Maryland	32,734	0	32,734	32,734	32,734	0	0
Massachusetts	65,768	0	65,768	65,768	64,984	784	0
Michigan	83,697	0	83,697	83,446	82,756	690	251
Minnesota	43,783	5,335	38,448	37,991	37,921	70	457
Mississippi	25,862	0	25,862	25,862	25,747	115	0
Missouri	38,544	0	38,544	38,302	38,154	148	242
Montana	6,819	0	6,819	6,819	6,819	0	0
Nebraska	16,616	0	16,616	16,616	16,616	0	0
Nevada	6,939	0	6,939	6,939	6,912	27	0
New Hampshire	11,373	0	11,373	11,373	10,287	1,086	0
New Jersey	43,063	0	43,063	43,063	43,063	0	0
New Mexico	13,864	0	13,864	13,864	13,864	0	0
New York	157,192	35	157,157	155,799	154,412	1,387	1,358
North Carolina	51,346	0	51,346	51,346	51,346	0	0
North Dakota	8,122	0	8,122	8,122	8,122	0	0
Ohio	88,585	41	88,544	88,460	85,159	3,301	84
Oklahoma	29,627	0	29,627	29,345	27,895	1,450	282
Oregon	23,321	0	23,321	23,321	19,370	3,951	0
Pennsylvania	98,488	0	98,488	97,982	97,982	0	506
Rhode Island	12,645	0	12,645	12,645	12,645	0	0
South Carolina	28,577	0	28,577	28,532	28,532	0	45
South Dakota	6,607	7	6,600	6,600	6,494	106	0
Tennessee	34,180	0	34,180	33,870	33,870	0	310
Texas	127,586	409	127,177	127,166	126,054	1,112	11
Utah	24,383	0	24,383	24,383	24,383	0	0
Vermont	6,132	0	6,132	6,132	6,132	0	0
Virginia	45,272	0	45,272	45,272	45,186	86	0
Washington	68,613	0	68,613	68,604	68,604	0	9
West Virginia	15,928	0	15,928	15,799	15,799	0	129
Wisconsin	46,479	0	46,479	46,479	45,665	814	0
Wyoming	4,814	0	4,814	4,814	4,814	0	0
American Samoa	948	0	948	0	0	0	948
Federated States of Micronesia	410	0	410	410	410	0	0
Guam	956	0	956	956	956	0	0
Marshall Islands	22	0	22	22	22	0	0
Northern Marianas	440	0	440	440	0	440	0
Palau	13	0	13	13	13	0	0
Puerto Rico	27,408	0	27,408	27,276	25,168	2,108	132
Virgin Islands	376	0	376	376	376	0	0

NOTE: The number of first-time freshmen enrolled as derived from the residence and migration data (part C) was 22,975 less than the number derived from part A of the 1994 fall enrollment survey. Data missing from part C were not imputed if the institution did not respond to the residence and migration survey in fall 1992. Missing data accounted for 15,392 students. Part A enrollment counts also include 7,583 first-time freshmen in institutions that responded to the CN form, which does not have a residence or migration section.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

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